| L        | Hits | Search Text                             | DB        | Time stamp |
|----------|------|---|-----------|------------|
| Number - | 386  | ("0261090" or "0162814" or "0264412" or | USPAT;    | 2003/12/23 |
|          | 300  | "0299480" or "0302041" or "0307112" or  | US-PGPUB; | 16:35      |
|          |      | "0509253" or "0545504" or "0869513" or  | EPO; JPO; |            |
|          |      | "0997720" or "1037843" or "1050649" or  | DERWENT;  |            |
|          |      | "1054558" or "1074198" or "1082870" or  | IBM TDB   |            |
|          |      | "1101515" or "1126970" or "1132129" or  |           |            |
|          |      | "1148169" or "1154209" or "1228047" or  |           |            |
|          |      | "1240430" or "1244187" or "1255886" or  |           |            |
|          |      | "1258961" or "1311508" or "1381612" or  |           |            |
| ĺ        |      | "1397606" or "1427005" or "1430983" or  |           |            |
|          |      | "1464924" or "1465224" or "1496212" or  |           |            |
|          |      | "1511797" or "1526128" or "1527587" or  |           |            |
|          |      | "1553996" or "1600604" or "1616478" or  |           | ·          |
|          |      | "1640517" or "1662372" or "1701948" or  |           |            |
| l        |      | "1711490" or "1712828" or "1774521" or  |           |            |
|          |      | "1879280" or "1904005" or "2010851" or  |           |            |
|          |      | "2095330" or "2106321" or "3105530" or  |           |            |
|          |      | "3232326" or "3249134" or "3754493" or  |           |            |
|          |      | "3808932" or "3880032" or "3949636" or  |           |            |
|          |      | "4026174" or "4418597" or "4576073" or  |           |            |
|          |      | "4615247" or "4625604" or "4875398" or  |           |            |
|          |      | "5231906" or "6170370" or "6405624" or  |           |            |
|          |      | "6578460" or "0146886" or "1324136" or  |           |            |
|          |      | "1988102" or "1993219" or "2075282" or  |           |            |
|          |      | "2121069" or "2131492" or "2168282" or  |           | 1          |
|          |      | "2261696" or "2265407" or "2292872" or  |           |            |
|          |      | "2299262" or "2312118" or "2518684" or  |           | }          |
|          |      | "2530290" or "2590035" or "2625966" or  | į         |            |
|          |      | "2626639" or "2661777" or "2678071" or  |           |            |
|          |      | "2695638" or "2704560" or "2711762" or  |           |            |
|          |      | "2758615" or "2810408" or "2844173" or  |           |            |
|          |      | "2850054" or "2852047" or "2873773" or  |           |            |
|          |      | "2894546" or "2913025" or "2945516" or  |           |            |
|          |      | "3005477" or "3011529" or "3013592" or  |           |            |
|          |      | "3021881" or "3085602" or "3315715" or  |           |            |
|          |      | "3356111" or "3538964" or "3670788" or  |           |            |
|          |      | "5174349" or "5513548" or "5875698" or  |           |            |
|          |      | "6502493" or "2554124" or "3306149" or  |           |            |
|          |      | "5587618" or "20020096030" or           |           |            |
|          |      | "20030101857").pn.                      | 1         |            |

| - | 117 | ("0261090" or "0162814" or "0264412" or  | USPAT;   | 2003/12/09 |
|---|-----|--|----------|------------|
| 1 |     | "0299480" or "0302041" or "0307112" or   | US-PGPUB | 09:31      |
|   |     | "0509253" or "0545504" or "0869513" or   |          |            |
| 1 |     | "0997720" or "1037843" or "1050649" or   |          |            |
| 1 |     | "1054558" or "1074198" or "1082870" or   |          |            |
| 1 |     | "1101515" or "1126970" or "1132129" or   |          |            |
|   |     | "1148169" or "1154209" or "1228047" or   |          |            |
|   |     | "1240430" or "1244187" or "1255886" or   |          |            |
|   |     | "1258961" or "1311508" or "1381612" or   |          |            |
|   |     | "1397606" or "1427005" or "1430983" or   |          |            |
|   |     | "1464924" or "1465224" or "1496212" or   |          |            |
|   |     | "1511797" or "1526128" or "1527587" or   |          |            |
|   |     | "1553996" or "1600604" or "1616478" or   |          |            |
|   |     | "1640517" or "1662372" or "1701948" or   |          |            |
|   |     | "1711490" or "1712828" or "1774521" or   |          | ľ          |
|   |     | "1879280" or "1904005" or "2010851" or   |          |            |
|   |     | "2095330" or "2106321" or "3105530" or   |          |            |
|   |     | "3232326" or "3249134" or "3754493" or   |          |            |
|   |     | "3808932" or "3880032" or "3949636" or   |          |            |
|   |     | "4026174" or "4418597" or "4576073" or   |          |            |
|   |     | "4615247" or "4625604" or "4875398" or   |          |            |
|   |     | "5231906" or "6170370" or "6405624" or   |          |            |
|   |     | "6578460" or "0146886" or "1324136" or   |          |            |
|   |     | "1988102" or "1993219" or "2075282" or   |          |            |
|   |     | "2121069" or "2131492" or "2168282" or   |          |            |
|   |     | "2261696" or "2265407" or "2292872" or   |          |            |
|   |     | "2299262" or "2312118" or "2518684" or   |          |            |
|   |     | "2530290" or "2590035" or "2625966" or   |          | 1          |
|   |     | "2626639" or "2661777" or "2678071" or   |          |            |
|   |     |  |          | 1          |
|   |     | "2695638" or "2704560" or "2711762" or<br>"2758615" or "2810408" or "2844173" or |          |            |
|   |     |  |          |            |
|   |     | "2850054" or "2852047" or "2873773" or   |          |            |
|   |     | "2894546" or "2913025" or "2945516" or   |          |            |
|   |     | "3005477" or "3011529" or "3013592" or   |          |            |
|   |     | "3021881" or "3085602" or "3315715" or   |          |            |
|   |     | "3356111" or "3538964" or "3670788" or   |          |            |
|   |     | "5174349" or "5513548" or "5875698" or   |          |            |
|   |     | "6502493" or "2554124" or "3306149" or   |          |            |
|   |     | "5587618" or "20020096030" or  |          |            |
|   |     | "20030101857").pn.   |          |            |

| 126  |     |      |   |           |            |
|--|-----|------|---|-----------|------------|
| "0509253" or "0545564" or "0869513" or "097720" or "1037843" or "1050649" or "1054558" or "1074198" or "1050649" or "105155" or "1126970" or "1225896" or "125896" or "127418570" or "1285896" or "125896" or "127418570" or "13418570" or "13416512" or "1464924" or "1465224" or "1456212" or "1464924" or "1465224" or "145788" or "151197" or "1526128" or "1527587 or "151197" or "1726212" or "1527587 or "151197" or "1711920" or "17119282" or "1711920" or "1711920" or "17119282" or "1711920" or "17119282" or "1711920" or "17119282" or "1906051" or "1906051" or "1906051" or "1906051" or "1906051" or "1906051" or "151197" or "1665264" or "1906051" or "1511970" or "1665264" or "1511970" or "1665264" or "1511970" or "15119 | _   | 126  | ("0261090" or "0162814" or "0264412" or | USPAT;    | 2003/12/09 |
| "0997720" or "1037843" or "1050649" or "1051558" or "1074198" or "1082870" or "1082870" or "118161659" or "11240870" or "1228047" or "1240430" or "1381520" or "1381520" or "1397606" or "147020530" or "1381520" or "1397606" or "147020530" or "147020530" or "147020530" or "157587" or "157587" or "157587" or "157587" or "1575960" or "1600604" or "17174221" or "1711490" or "1712828" or "1701948" or "17142828" or "1701948" or "17142828" or "1701948" or "17142828" or "1701948" or "17142820" or "1701948" or "1701949" or "1712828" or "1701949" or "17019 |     |      |   | US-PGPUB  | 10:28      |
| "1054558" or "1074198" or "102870" or "1118169" or "1126976" or "1126976" or "1126976" or "1126976" or "1126967" or "1126967" or "124187" or "1258961" or "124187" or "1351612" or "13797666" or "1311508" or "131612" or "13797666" or "1457058" or "1464924" or "146702" or "1457058" or "1553956" or "15610267" or "15737371 or "1579780" or "1579791" or "157979 |     |      | "0509253" or "0545504" or "0869513" or  |           |            |
| "1101515" or "1126970" or "1132129" or "1148169" or "11540030" or "11540030" or "1224047" or "12101518" or "1225886" or "1240430" or "1311508" or "1511797" or "15060540" or "1311508" or "1511797" or "15060540" or "1511797" or "16052472" or "1701408" or "1714190" or "1711490" or "17112082" or "1701408" or "1711490" or "1711490" or "17112082" or "3105330" or "2232320 or "2301202" or "3304530" or "2323220 or "2301202" or "3406350" or "3232320 or "3243200" or "3406350" or "3232320 or "3243200" or "3406350" or "44615247" or "4615247" or "4615247" or "4615247" or "4615247" or "6710370" or "4710408" or "1311409" or "19331219" or "24513008" or "2311409" or "4710408" or "32110609" or "2111492" or "23124136" or "32121069" or "211492" or "2258070" or "2258038" or "22580638" or "2704560" or "2711762" or "2758615" or "2810408" or "2711762" or "2758615" or "2810408" or "2711762" or "2758615" or "2810408" or "2811718" or "2718618" or "3318341" or "3318341 |     |      | "0997720" or "1037843" or "1050649" or  |           |            |
| "1148169" or "1124187" or "1228047" or "1259861" or "1258961" or "124187" or "1259861" or "1311508" or "1381612" or "1317606" or "1477005" or "14809212" or "1513996" or "1551396" or "1551396" or "1551396" or "1551396" or "1551396" or "160017" or "1513996" or "1600372" or "1711490" or "17114 |     |      |   |           |            |
| "1240430" or "1244187" or "1255886" or "1397605" or "1397606" or "1311508" or "1397606" or "1317005" or "131709" or "1397606" or "147005" or "1430933" or "151797" or "1465224" or "1465221" or "151797" or "1526128" or "1527587" or "151797" or "1526128" or "1527587" or "1517197" or "1600604" or "16164051" or "1600604" or "1710488" or "1714280" or "1714290" or "1714280" or "1714280" or "1714280" or "1819280" or "1904005" or "2010851" or "330332326" or "3249134" or "3754493" or "336493" or "3380032" or "380032" o |     |      | "1101515" or "1126970" or "1132129" or  |           |            |
| "1258961" or "1311608" or "1381612" or "1497066" or "147005" or "1480933" or "1464924" or "1467050" or "1497066" or "1497066" or "1553996" or "1553996" or "1552128" or "157397" or "1553996" or "1600004" or "1616478" or "1711490" or "1712828" or "1774521" or "1711490" or "1712828" or "1774521" or "1904005" or "20105310" or "2095330" or "2095330" or "2106321" or "3016530" or "3323226" or "3249134" or "37544933" or "3306932" or "3249134" or "3754493" or "4615247" or "4625504" or "4675398" or "4615247" or "4625504" or "4675398" or "57461524" or "1993210 or "4615247" or "4625604" or "4675398" or "2010532" or "3989032" or "2010632" or "3989032" or "2010632" or "3010632" or "3010 |     |      | "1148169" or "1154209" or "1228047" or  |           |            |
| "1397606" or "1447005" or "1430983" or "146924" or "14962212" or "1451797" or "1456128" or "1457587" or "1511797" or "1626128" or "1527587" or "1511797" or "162628" or "1717489" or "1717498" or "1717498" or "1717498" or "1717498" or "1717499" or "1717498" or "17174521" or "1717499" or "1717 |     |      | "1240430" or "1244187" or "1255886" or  |           |            |
| "1464924" or "1465224" or "1496212" or "1551996" or "1551996" or "15610604" or "1616478" or "1551996" or "1605070" or "1711490" or "1616478" or "1711490" or "1711490" or "1712828" or "1774521" or "1711490" or "19104005" or "2010851" or "2095330" or "2106521" or "3105530" or "22095330" or "241859" or "3749493" or "3749493" or "3380932" or "3808932" or "3849636" or "4418597" or "4456504" or "4418597" or "4557664" or "615247" or "6170370" or "6405644" or "6578460" or "1932190" or "205222" or "2321906" or "225406" or "2254064" or "2254064" or "22656639" or "2265669" or "2265669" or "2265669" or "2265669" or "2530290" or "2590355" or "2590355" or "26786071" or "25965638" or "2678669" or "2704560" or "2704560" or "27176661" or "2586648" or "3707860" or "2705661" or "2580054" or "2580054" or "2580054" or "2580054" or "2580054" or "2705606" or "2705600" or "2 |     |      | "1258961" or "1311508" or "1381612" or  |           |            |
| "1511797" or "1526128" or "1527587" or "1553996" or "1600604" or "1616478" or "1640517" or "1662372" or "1701948" or "1711490" or "1911490" or "1911 |     |      | "1397606" or "1427005" or "1430983" or  |           |            |
| "1511797" or "1526128" or "1527587" or "1553996" or "1600604" or "1616478" or "1640517" or "1662372" or "1701948" or "1711490" or "1911490" or "1911 |     |      |   |           |            |
| "1553996" or "1660504" or "1616478" or "1616478" or "1616451" or "162527" or "1701480" or "1711490" or "16227" or "1701480" or "1711490" or "17112828" or "1774521" or "2095330" or "1904005" or "2010851" or "2095330" or "2106321" or "3105530" or "3232326" or "3249134" or "3754493" or "33808932" or "34808032" or "3949636" or "4418597" or "4456540" or "4418597" or "4576378" or "4557640" or "4652604" or "465240" or "6170370" or "6405624" or "6170370" or "6405624" or "6170370" or "6405624" or "6170370" or "2026264" or "19321906" or "2254069" or "2254069" or "2254069" or "2254069" or "2254069" or "2254069" or "2259026" or "2311492" or "2168282" or "2261696" or "2550290" or "2590035" or "2678071" or "2590350" or "2590350" or "2678071" or "25865638" or "2659638" or "2678060" or "27175661" or "2705460" or "27175661" or "2850054" or "2850054" or "2850054" or "3011529" or "301529" or "3015290 | İ   |      |   |           |            |
| "1640517" or "1662372" or "1701948" or "1711490" or "1712828" or "1714521" or "1879280" or "1904005" or "2010851" or "20205330" or "2003212" or "3105530" or "3232326" or "3249134" or "3754493" or "33808932" or "3849032" or "3949636" or "4026174" or "4418597" or "4576073" or "4615247" or "4625640" or "467398" or "5231906" or "6170370" or "6405624" or "6578460" or "1988102" or "1993219" or "2075282" or "2221069" or "2131492" or "2168282" or "22216696" or "22312929" or "2299872" or "22310290" or "2390318" or "2259960" or "22590290" or "2299038" or "2266393" or "2661777 or "22789011" or "2285034" or "2313142" or "218640" or "22758615" or "2810408" or "2711762" or "2880546" or "2850047" or "28737773" or "2880546" or "281028" or "3031582" or "3031881" or "3031881" or "30318610" or "33157130" or "33135611" or "33319640" or "32757180" or "3315611" or "35319640" or "3875638" or "3570788" or "3536111" or "35319640" or "3875638" or "3570788" or "3587618" or "3587618" or "35876180" or "3875638" or "3875638" or "3889567" or "4048886" or "4587180" or "3875638" or "3889567" or "4048886" or "3875638" or "3889567" or "300311857" or "300312870" or "300305479" o |     |      |   |           |            |
| "1711490" or "1712828" or "1774521" or "1879280" or "2005330" or "2006321" or "3106851" or "2095330" or "2106321" or "3105530" or "2106321" or "3105530" or "2323226" or "3249134" or "3754493" or "3808932" or "3880032" or "3949636" or "4026174" or "4462504" or "441857" or "4557073" or "461624" or "4615247" or "452504" or "4875398" or "5578406" or "6170370" or "4605624" or "6578406" or "0146886" or "1324136" or "1988102" or "2198620" or "2121069" or "2131482" or "2168220" or "22261696" or "2231309" or "223020" or "2229562" or "2253029" or "221309" or "22118" or "2218640" or "2253029" or "225962639" or "2590035" or "2625966" or "2526639" or "2590035" or "2711762" or "2758615" or "2810408" or "281173" or "2850054" or "2810408" or "2813713" or "2880054" or "2850054" or "2813773" or "28130564" or "281305504" or "3805602" or "3315715" or "3305477" or "3011529" or "3013592" or "3013592" or "30031811" or "3338964" or "3767688" or "3774349" or "38056589" or "3655698" or "3305477" or "36137159" or "3655698" or "3655698" or "36557618" or "4653188" or "5572916" or "5589116" or "4653189" or "4653189" or "4557168" or "4557168" or "4653189" or "4653189" or "4653189" or "4653189" or "4653189" or "270572916" or "5989116" or "4653189" or "4653189" or "4653189" or "4653189" or "4653189" or "674644832") or ("4557168") or "3805639") or ("3805639") or ("3805659") or ("3805639") or ("3805659") or ("3805639") or ("3805659") or ("3805639") or ("3805659") or ("3805639") or ("3805658") or ("3805639") or ("3805659") or ("3805659") or ("3805639") or ("3805659") or ("380 |     |      |   |           |            |
| "1879280" or "1904005" or "2010851" or "205330" or "2106321" or "3105530" or "3323236" or "3249134" or "3754493" or "3380932" or "3949636" or "4026174" or "4418597" or "4576073" or "4576073" or "5231906" or "6170370" or "6405624" or "5231906" or "6170370" or "6405624" or "6578460" or "6170370" or "6405624" or "6578460" or "6170370" or "6405624" or "1998102" or "1993219" or "2075282" or "2121069" or "2121069" or "2121108" or "2075282" or "222121696" or "2121118" or "2518694" or "2530290" or "2590035" or "265966" or "2626639" or "2610777" or "2678071" or "2678071" or "2578615" or "2810408" or "2704560" or "2711762" or "2580054" or "2850474" or "2873773" or "2685054" or "2810408" or "2844173" or "2685054" or "2810408" or "281571392" or "301582" or "301582" or "301582" or "301582" or "301582" or "301582" or "3315915" or "35174349" or "5513548" or "8575698" or "5587618" or "2554124" or "3306149" or "5587618" or "3805639" or "4048886" or "4557168" or "55899116" or "20200096030" or "3805659" or "4048886" or "4557168" or "5989116" or "40578189" or "45572916" or "5989116" or "405789910" or "4557168") or "101747 or "2722246").PN.  - 21 ("5989116") or ("5572916") or ("4557168") or ("4048886") or ("3805639") or ("3805658")).PN.  - 21 ("5989116") or ("5572916") or ("4557168") or ("4048886") or ("3805658")).PN.  - 31 ("5989116") or ("5572916") or ("4557168") or ("4048860") or ("3805658")).PN.  - 31 ("5989116") or ("3805658")).PN.  - 31 ("7722246").PN.  |     |      |   |           |            |
| "2095330" or "2106321" or "3105530" or "3293232" or "3898032" or "389032" or "3949636" or "4026174" or "441857" or "4557073" or "4615247" or "4625604" or "4875398" or "5231906" or "6170370" or "4605624" or "6578460" or "6170370" or "4605624" or "6578460" or "10146886" or "1324136" or "1988102" or "2015282" or "2121069" or "2131492" or "2168282" or "2221069" or "2131492" or "2218282" or "22299262" or "2312118" or "251864" or "2530290" or "20168282" or "22530290" or "2312180" or "2578664" or "22530290" or "2316777" or "2678071" or "2758615" or "2810408" or "2711462" or "2758615" or "2810408" or "2711462" or "2758615" or "2810408" or "2711462" or "2758615" or "2810408" or "2813773" or "2850047" or "2813773" or "2880504" or "2813715" or "3005477" or "3011529" or "3013592" or "3013592" or "3013592" or "3013592" or "3013592" or "3013592" or "3013715" or "3336111" or "3338964" or "370788" or "37174349" or "3305477" or "3011529" or "3015599" or "3013592" or "301599" or "3013592" or "301599" or "3013592" or "301599" or "3013592" or "301599" or |     |      |   |           |            |
| "322326" or "3249134" or "3754493" or "3808932" or "3808932" or "380932" or "380932" or "4026174" or "4418597" or "4576073" or "4615247" or "4425604" or "4875398" or "5313968" or "6170370" or "6405624" or "6578460" or "6170370" or "6405624" or "1988102" or "1993219" or "2075282" or "1988102" or "1993219" or "2075282" or "22161696" or "22131492" or "2168262" or "22261696" or "2256407" or "22928772" or "2299262" or "2312118" or "2518684" or "2530290" or "2590353" or "26625966" or "266639" or "2661777" or "2678071" or "2695638" or "27664777" or "2678071" or "2758615" or "2810408" or "2844173" or "2850654" or "2810408" or "2844173" or "2894546" or "2892407" or "2873773" or "2894560" or "2758607" or "2758615" or "2810408" or "301592" or "3005477" or "301592" or "301592" or "301881" or "3085602" or "3315715" or "3315715" or "33157110" or "358964" or "3670788" or "3356111" or "5589640" or "35707088" or "3356111" or "5589640" or "35707088" or "3805658"  or "3 | İ   |      |   |           |            |
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| "2299262" or "2312118" or "2518684" or "2530290" or "2590035" or "2625966" or "2626639" or "2661777" or "2678071" or "2695638" or "2704560" or "2711762" or "2758615" or "2810408" or "284173" or "2850054" or "2810408" or "284173" or "2850054" or "2810408" or "284173" or "28950654" or "2810408" or "284173" or "2894546" or "2913025" or "2945516" or "3005477" or "3011529" or "3013592" or "3005477" or "3011529" or "3315715" or "33356111" or "38538964" or "3670788" or "55174349" or "5513548" or "3675698" or "5587618" or "3805639" or "330658" or "3889567" or "4048886" or "4557168" or "3805639" or "3589616" or "5587618" or "3663189" or "55872916" or "55872916" or "2003010187").pn.  - 10 (("3386322") or ("4637289") or ("4557168") or ("2038810")).pn.  - 21 (("5989116") or ("5572916") or ("4648886") or ("3805639") or ("3805658").pn.  - 9 (("5989116") or ("3805658")).pn.  - 9 (("5989116") or ("3805658")).pn.  - 10 ("73805639") or ("3805658").pn.  - 11 ("7722246").pn.  - 12 ("7722246").pn.  - 13 ("7722246").pn.  - 14 ("7722246").pn.  - 15 ("7722246").pn.  - 16 ("7722246").pn.  - 17 ("7722246").pn.  |     |      |   |           |            |
| "2530290" or "2590035" or "2625966" or "2626639" or "2626639" or "2661777" or "2678071" or "2695638" or "2704560" or "2711762" or "2758615" or "2850047" or "28544173" or "2850054" or "2852047" or "301592" or " |     | !    |   |           |            |
| "2626639" or "2661777" or "2678071" or "2678071" or "2695638" or "2704660" or "2711762" or "2758615" or "2810408" or "2844173" or "2850054" or "2852047" or "2873773" or "2850054" or "2852047" or "2873773" or "2852047" or "3013592" or "3005477" or "301529" or "3013592" or "3315715" or "3355111" or "3538964" or "3670788" or "55134349" or "5513548" or "5875698" or "6502493" or "2554124" or "3306149" or "5587618" or "4644832" or "4653189" or "5587618" or "9899116" or "20020096030" or "3805658" or "9899116" or "20020096030" or "5989116" or "20020096030" or "5989116" or "20030101857").ph. ("2038810")).Ph.  - 21 (("5989116") or ("4637289") or ("4557168") or ("4633189") or ("4644832") or ("4557168") or ("3805639") or ("3805658")).Ph.  - 9 (("5989116") or ("5572916") or ("4557168") or ("3805639") or ("3805658")).Ph.  - 10 ("3805639") or ("3805658")).Ph.  - 11 ("2722246").Ph.  - 10 brake near3 pawl  Drake near3 pawl  |     |      |   |           |            |
| "2695638" or "2704560" or "2711762" or "2758615" or "2810408" or "2844173" or "2850054" or "2852047" or "2873773" or "2894546" or "2813025" or "2945516" or "3005477" or "3011529" or "3013592" or "3013592" or "3013592" or "3013592" or "33356111" or "3538964" or "3670788" or "5174349" or "5513548" or "36502493" or "2551124" or "3306149" or "6502493" or "3805658" or "6502493" or "3805638" or "4587168" or "3889567" or "4048886" or "4557168" or "3889567" or "4048886" or "4557168" or "20030101857").pn.  10 (("3386322") or ("4637289") or "3805658" or "20030101857").pn.  ("2038810")).PN.  21 (("5989116") or ("5572916") or ("4557168") or ("4048886") or ("3805658")).PN.  22 (("5989116") or ("3805658")).PN.  39 (("5989116") or ("3805658")).PN.  40 ("4653189") or ("4644832") or ("4557168") or ("4048886") or ("3805658")).PN.  50 ("4048886") or ("3889567") or ("4557168") or ("4048886") or ("3805658")).PN.  41 ("2722246").PN.  42 ("2722246").PN.  43 ("2722246").PN.  50 ("3805639") or ("3805658")).PN.  51 ("2722246").PN.  51 ("2722246").PN.  52 ("3805639") or ("3805658")).PN.  53 ("3805639") or ("3805658")).PN.  54 ("2722246").PN.  55 ("3805639") or ("3805658")).PN.  65 ("3805639") or ("3805658")).PN.  75 ("3805639") or ("3805658")).PN.  76 ("3805639") or ("3805658")).PN.  77 ("4048886") or ("3805658")).PN.  78 ("3805639") or ("3805658")).PN.  89 ("5572916") or ("4557168") or ("4557168") or ("4048886") or ("3805658")).PN.  |     |      |   |           |            |
| "2758615" or "2810408" or "2844173" or "289054" or "2850054" or "2852047" or "2873773" or "2894546" or "2913025" or "2945516" or "3005477" or "3011529" or "3013592" or "3013592" or "3005477" or "301529" or "3013592" or "3315715" or "3356111" or "3538964" or "3670788" or "5572493" or "5513548" or "5875698" or "5587618" or "3585639" or "3805658" or "4644832" or "4653189" or "5572916" or "5989116" or "20020096030" or "3003101857").pn. (("3386322") or ("4653189") or ("4644832") or ("4557168" or ("4048886")).PN. ("4653189") or ("4048886") or ("4644832") or ("4557168") or ("4048886") or ("3805658")).PN. ("3805639") or ("3805658")).PN. ("3805658") or ("3805658")).PN. ("3805658") or | ļ   |      |   |           |            |
| "2850054" or "2852047" or "2873773" or "2894546" or "2913025" or "2945516" or "3005477" or "3011529" or "3013592" or "3021881" or "3013529" or "3670788" or "3321881" or "3538964" or "3670788" or "55174349" or "5513548" or "3675698" or "6502493" or "2554124" or "3306568" or "5587618" or "3805639" or "3805658" or "3889567" or "4048886" or "4557168" or "4644832" or "4653189" or "5572916" or "20030101857").pn.  10 (("3386322") or ("4637289") or ("2038810")).PN.  21 (("5989116") or ("5572916") or ("4048886") or ("3889567") or ("4048886") or ("3889567") or ("4048886") or ("3805658").PN.  29 (("5989116") or ("5572916") or ("4653189") or ("3805658").PN.  2003/12/09  10:32  2003/12/09  10:32  2003/12/09  10:32  2003/12/09  10:33  2003/12/09  10:33  2003/12/09  10:33  2003/12/09  10:33  2003/12/09  10:33  2003/12/09  10:33  2003/12/19  10:33  2003/12/19  10:33  2003/12/19  10:33  2003/12/19  10:33  2003/12/19  10:33  2003/12/19  10:33  2003/12/19  10:33  2003/12/19  10:33   |     |      |   |           |            |
| "2894546" or "2913025" or "2945516" or "3005477" or "3011529" or "301592" or "3315715" or "55174349" or "5513548" or "5875698" or "6502493" or "2554124" or "3306149" or "5587618" or "3895679" or "4048866" or "4557168" or "4644832" or "4653189" or "5572916" or "20030101857").pn.  - 10 (("3386322") or ("4637289") or ("2038810")).PN.  - 21 (("5989116") or ("5572916") or ("4557168") or ("4048886") or ("389567") or ("4557168") or ("4048868") or ("3805638")).PN.  - 9 (("5989116") or ("5572916") or ("4557168") or ("4048886") or ("3805658")).PN.  - 10 ("5989116") or ("5572916") or ("4557168") or ("4048886") or ("3805658")).PN.  - 11 ("2722246").PN.  - 12 ("2722246").PN.  - 13 brake near3 pawl  - 10 brake near3 pawl   |     |      |   |           |            |
| "3005477" or "3011529" or "3013592" or "3021881" or "3021881" or "3085602" or "3315715" or "35389611" or "3538964" or "3670788" or "55174349" or "5513548" or "5875698" or "6502493" or "2554124" or "3306149" or "3805658" or "3805658" or "464882" or "4653189" or "5572916" or "20030101857").pn.  10 (("336322") or ("4637289") or ("20030101857").pn. ("2038810")).PN.  21 (("5989116") or ("5572916") or ("4653189") or ("4653189") or ("4644832") or ("4557168") or ("4048886") or ("3805639") or ("3805658")).PN.  29 (("5989116") or ("5572916") or ("3805639") or ("3805658")).PN.  29 (("5989116") or ("5572916") or ("4644832") or ("4557168") or ("4048886") or ("3805658")).PN.  2003/12/09  2003/12/09  10:32  2003/12/09  10:32  2003/12/09  10:32  2003/12/09  10:32  2003/12/09  10:32  2003/12/09  10:32  2003/12/09  10:33  2003/12/19  10:34  1047  brake near3 pawl  USPAT: USPA |     |      |   |           |            |
| "3021881" or "3085602" or "3315715" or "3356111" or "3358964" or "3670788" or "5174349" or "5513548" or "3870788" or "55174349" or "5513548" or "3805658" or "5587618" or "3805638" or "3805658" or "3889567" or "4048886" or "4557168" or "20030101857").pn.  - 10 (("3386322") or ("4637289") or "20030101857").pn.  ("4653189") or ("4644832") or ("4557168") or ("4653189") or ("4644832") or ("4557168") or ("404886") or ("3805658").pn.  - 9 (("5989116") or ("5572916") or ("4557168") or ("404886") or ("3805658")).pn.  - 9 (("5989116") or ("5572916") or ("4557168") or ("404886") or ("3805658")).pn.  - 10 ("5989116") or ("5572916") or ("4557168") or ("404886") or ("3805658")).pn.  - 11 ("5989116") or ("5572916") or ("4557168") or ("404886") or ("3805658")).pn.  - 12 ("5989116") or ("5572916") or ("4557168") or ("404886") or ("3805658")).pn.  - 13 ("5722246").pn.  - 14 ("5989116") or ("5572916") or ("4557168") or ("404886") or ("3805658")).pn.  - 15 ("5989116") or ("5572916") or ("4557168") or ("404886") or ("3805658")).pn.  - 16 ("5989116") or ("5572916") or ("4557168") or ("5572916") or ("4557168") or ("5572916") or ("572916") or ("5572916") or ("5572916") or ("5572916") or ("5572916 |     |      |   |           |            |
| "3356111" or "3538964" or "3670788" or "51714349" or "5513548" or "5875698" or "6502493" or "2554124" or "3306149" or "3306149" or "5587618" or "3805639" or "3805658" or "4648832" or "4653189" or "5572916" or "20030101857").pn.  10 (("3386322") or ("4637289") or ("2038810")).PN.  21 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("4048868") or ("3805659") or ("3805639") or ("3805658").PN.  23 (("5989116") or ("5572916") or ("4557168") or ("4048868") or ("3805658").PN.  24 (("5989116") or ("5572916") or ("4557168") or ("4048868") or ("3805658").PN.  25 (("5989116") or ("5572916") or ("4557168") or ("4048868") or ("3805658").PN.  26 ("4653189") or ("4644832") or ("4557168") or ("4048868") or ("3805658").PN.  27 ("4048886") or ("3805658").PN.  28 ("5989116") or ("5572916") or ("4557168") or ("4048886") or ("3805658").PN.  29 (("5989116") or ("5572916") or ("4557168") or ("4048886") or ("3805658").PN.  2003/12/09 10:31  |     |      |   |           |            |
| "5174349" or "5513548" or "5875698" or "6502493" or "2554124" or "3306149" or "5875698" or "3889567" or "4048886" or "3805658" or "4644832" or "4653189" or "5572916" or "20030101857").pn.  10 (("3386322") or ("4637289") or ("2038810")).PN.  21 (("5989116") or ("5572916") or ("4653189") or ("4648832") or ("4653189") or ("4644832") or ("4557168") or ("4048886") or ("3805657") or ("3805639") or ("3805658")).PN.  29 (("5989116") or ("5572916") or ("3805639") or ("3805658")).PN.  29 (("5989116") or ("3805658")).PN.  2003/12/09 ("4653189") or ("4644832") or ("4557168") or ("4048886") or ("3805639") or ("4557168") or ("4048886") or ("3805658")).PN.  2003/12/09 ("3805639") or ("3805658")).PN.  |     |      |   |           |            |
| "6502493" or "2554124" or "3306149" or "5587618" or "3805639" or "3805658" or "3805658" or "3805658" or "4048886" or "465189" or "4557168" or "20020096030" or "20030101857").pn.  10 (("3386322") or ("4637289") or ("2038810")).PN.  21 (("5989116") or ("5572916") or ("4653189") or ("4048886") or ("3805658")).PN.  22 (("598916") or ("3805658")).PN.  3305639") or ("3805658")).PN.  3405639") or ("4644832") or ("4557168") or ("4653189") or ("4644832") or ("4557168") or ("4653189") or ("3805658")).PN.  3405763989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("4653189") or ("3805658")).PN.  35057639") or ("3805658")).PN.  3605770 or ("404886") or ("3805658")).PN.  3708771  |     |      | "3356111" or "3538964" or "3670788" or  |           |            |
| "5587618" or "3805639" or "3805658" or "3889567" or "4048886" or "4557168" or "4644832" or "4653189" or "5572916" or "20030101857").pn.  10 (("3386322") or ("4637289") or ("2038810")).PN.  21 (("5989116") or ("5572916") or ("4557168") or ("4048886") or ("3805639") or ("3805658")).PN.  22 (("5989116") or ("5572916") or ("4557168") or ("4048886") or ("3805658")).PN.  33 (("5989116") or ("5572916") or ("4557168") or ("4048886") or ("3805658")).PN.  4 ("5989116") or ("5572916") or ("4557168") or ("4048868") or ("3805658")).PN.  5 ("3805639") or ("3805658")).PN.  6 ("3805639") or ("3805658")).PN.  7 ("2722246").PN.  8 ("2722246").PN.  9 ("3805639") or ("3805658")).PN.  10 ("2722246").PN.  10 ("3805658").PN.  |     |      | "5174349" or "5513548" or "5875698" or  |           |            |
| "3889567" or "4048886" or "4557168" or "4644832" or "4653189" or "5572916" or "20030101857").pn.  10 (("3386322") or ("4637289") or ("2038810")).PN.  21 (("5989116") or ("5572916") or ("4653189") or ("4653189") or ("4644832") or ("4557168") or ("4048886") or ("3805658")).PN.  29 (("5989116") or ("5572916") or ("3805639") or ("3805658")).PN.  29 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("4653189") or ("3805658")).PN.  2003/12/09 ("2722246").PN.  3003/12/09 ("3805658")).PN.  4 ("2722246").PN.  5 ("2722246").PN.  5 ("2722246").PN.  6 ("3805639") or ("3805658")).PN.  7 ("3805639") or ("3805658")).PN.  8 ("2722246").PN.  9 ("2722246").PN.  1047 brake near3 pawl  |     |      | "6502493" or "2554124" or "3306149" or  |           |            |
| "4644832" or "4653189" or "5572916" or "5989116" or "20020096030" or "20030101857").pn.  10 (("3386322") or ("4637289") or ("2038810")).PN.  21 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("4048886") or ("3889567") or ("3805639") or ("3805658")).PN.  29 (("5989116") or ("5572916") or ("4653189") or ("3805658")).PN.  2003/12/09 10:32 EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT 2003/12/09 12:49  2003/12/09 12:49  2003/12/09 12:49  2003/12/09 10:33 2003/12/19 10:33 2003/12/19 08:59   |     |      | "5587618" or "3805639" or "3805658" or  |           |            |
| - 10 ("3386322") or ("4637289") or ("20030101857").pn. ("2038810")).PN. USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; or ("4048886") or ("3805658")).PN. US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; Or ("4048886") or ("3805658")).PN. USPAT ("4653189") or ("3805658")).PN. USPAT ("3805639") or ("4644832") or ("4557168") or ("4653189") or ("4644832") or ("4557168") or ("4653189") or ("3805658")).PN. USPAT ("3805639") or ("3805639") or ("3805658")).PN. USPAT ("3805639") or ("3805658")).PN. USPAT ("3805639") or ("3805658")).PN. USPAT ("2722246").PN. USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  |     |      |   |           |            |
| - 10 (("3386322") or ("4637289") or ("2038810")).PN.  - 21 (("5989116") or ("5572916") or ("4557168") or ("4048886") or ("3805639") or ("3805658")).PN.  - 9 (("5989116") or ("5572916") or ("3805639") or ("3805658")).PN.  - 9 (("5989116") or ("5572916") or ("3805639") or ("3805639") or ("4557168") or ("4457168") or ("4653189") or ("4644832") or ("4557168") or ("4048886") or ("3805658")).PN.  - 1 1 ("2722246").PN.   |     |      | "4644832" or "4653189" or "5572916" or  |           |            |
| - 10 (("3386322") or ("4637289") or ("2038810")).PN.  - 21 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("3805639") or ("3805658")).PN.  - 9 (("5989116") or ("5572916") or ("3805639") or ("3805658")).PN.  - 9 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("4048886") or ("3805658")).PN.  - 1047 brake near3 pawl  - 1047 brake near3 pawl    1047 brake near3 pawl   USPAT;   U |     |      | "5989116" or "20020096030" or           |           |            |
| - 10 (("3386322") or ("4637289") or ("2038810")).PN.  - 21 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("3805639") or ("3805658")).PN.  - 9 (("5989116") or ("5572916") or ("3805639") or ("3805658")).PN.  - 9 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("4048886") or ("3805658")).PN.  - 1047 brake near3 pawl  - 1047 brake near3 pawl    1047 brake near3 pawl   USPAT;   U |     |      |   |           | 1          |
| ("2038810")).PN.   | _   | 10   |   | USPAT;    | 2003/12/09 |
| - 21 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") USPAT; IBM_TDB USPAT; IBM_TDB USPAT; IBM_TDB USPAT; IBM_TDB USPAT; IBM_TDB USPAT; IBM_TDB USPAT; IBM_TDB USPAT; IBM_TDB USPAT  |     | 1    |   | US-PGPUB; | ,          |
| - 21 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("3805639") or ("3805658")).PN.  - 9 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("4653189") or ("3805658")).PN.  - 1 ("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("4048886") or ("3805658")).PN.  - 1 ("2722246").PN.   |     |      |   | EPO; JPO; |            |
| - 21 (("5989116") or ("5572916") or ("4557168") or ("4048886") or ("3889567") or ("3805639") or ("3805658")).PN.  - 9 (("5989116") or ("5572916") or ("4557168") or ("4653189") or ("4644832") or ("4557168") or ("4048886") or ("3889567") or ("4048886") or ("3889567") or ("3805639") or ("3805658")).PN.  - 1 ("2722246").PN.  - 1 ("2722246").PN.  - 1047 brake near3 pawl  DIBM_TDB USPAT; IBM_TDB USPAT  2003/12/09 12:49  USPAT  2003/12/09 10:33  USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   |     |      |   |           |            |
| - 21 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("3805639") or ("3805658")).PN.  - 9 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("4653189") or ("3805639") or ("3805639") or ("3805639") or ("3805639") or ("3805639").PN.  - 1 ("2722246").PN.  - 1047 brake near3 pawl   |     |      |   |           |            |
| ("4653189") or ("4644832") or ("4557168") or ("404886") or ("3805658") or ("3805658")).PN.  ("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("4048886") or ("3805658")).PN.  ("3805639") or ("3805658")).PN.  ("2722246").PN.  1047 brake near3 pawl  US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT  USPAT  USPAT  2003/12/09 10:33 2003/12/19 08:59   | _   | 21   | (("5989116") or ("5572916") or          |           | 2003/12/09 |
| or ("4048886") or ("3889567") or ("3805639") or ("3805658")).PN.  9 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("4048886") or ("3805658")).PN.  1 ("2722246").PN.  1 1047 brake near3 pawl  DERWENT; IBM_TDB USPAT 2003/12/09 12:49  USPAT 2003/12/09 10:33  USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB 08:59  |     |      |   | 1         |            |
| - 9 ("3805639") or ("3805658")).PN.  - 9 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("3805639") or ("3805658")).PN.  - 1 ("2722246").PN.  - 1047 brake near3 pawl  USPAT 2003/12/09 10:33 1047 USPAT; US |     | 1    |   |           | _          |
| - 9 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("3805639") or ("3805658")).PN.  - 1 ("2722246").PN.  1047 brake near3 pawl  DIBM_TDB USPAT  2003/12/09 12:49  USPAT  USPAT  USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  08:59   |     |      |   |           |            |
| - 9 (("5989116") or ("5572916") or ("4653189") or ("4644832") or ("4557168") or ("3805639") or ("3805658")).PN.  - 1 ("2722246").PN.  1047 brake near3 pawl  USPAT 2003/12/09 10:33 2003/12/19 USPAT;  | 1   |      | , 555555 , 52 , 565555 , , , 1111.      |           |            |
| ("4653189") or ("4644832") or ("4557168") or ("4048886") or ("3889567") or ("3805639") or ("3805658")).PN.  - 1 ("2722246").PN.  | l _ | ۵.   | (("5989116") or ("5572916") or          | _         | 2003/12/09 |
| or ("4048886") or ("3889567") or ("3805639") or ("3805658")).PN.  - 1 ("2722246").PN.  Drake near3 pawl  USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   |     |      |   |           | · ·        |
| - 1 ("3805639") or ("3805658")).PN.  - 1 ("2722246").PN.  Drake near3 pawl  USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB   |     |      |   | 1         |            |
| - 1 ("2722246").PN. USPAT 2003/12/09 10:33 2003/12/19 USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  |     |      |   | 1         |            |
| - 1047 brake near3 pawl USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  | l _ | 1    |   | IISDAT    | 2003/12/09 |
| - 1047 brake near3 pawl USPAT; 2003/12/19 08:59 08:59 DERWENT; IBM_TDB   |     | 1    | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   | JULAI     | 1          |
| US-PGPUB; 08:59 EPO; JPO; DERWENT; IBM_TDB   | _   | 1047 | hrake near3 naw]                        | IISDAT.   |            |
| EPO; JPO;<br>DERWENT;<br>IBM_TDB   | 1   | 104/ | nrave Hears bawn                        | 1         | 1 ' '      |
| DERWENT; IBM_TDB   |     |      |   | 1         | 00.39      |
| IBM_TDB  |     |      |   |           |            |
|  |     | 1    |   | · ·       |            |
| - 1 5/5/   prake same pawl   LUSPAT!   LZUU3/12/19   |     | 2777 | hanka sama navil                        | _         | 2002/12/00 |
| •  | -   | 3/3/ | nrake same bawi                         | 1         | 1          |
| US-PGPUB; 12:50  |     | 1    |   |           | 12:50      |
| EPO; JPO;  |     | 1    |   |           | {          |
| DERWENT;   |     | 1    |   |           | j l        |
| IBM TDB  | ì   | I    |   | IBM_TDB   | İ          |

|   |         | •   |   |                     |
|---|---------|---|---|---------------------|
| _ | 2652    | brake with pawl   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/09<br>12:50 |
| - | 32392   | fusible   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/09<br>12:50 |
|   | 3551232 | cartridge or replace or replaceable or replacable or removeable or removable or remove or remove or replaced or exchange or exchanged or exchangeable or exchangeable or interchangeable or interchangeable or interchangeable or substitute or substituteable or substituted                             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/09<br>14:42 |
| - | 2352886 | wire or fiber or filament or strand   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/09<br>14:41 |
| - | 3244    | fusible near4 (wire or fiber or filament or strand)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/09<br>14:40 |
| - | 851767  | melt or melting or melted   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/09<br>13:01 |
| - | 34      | ((brake near3 pawl) or (brake same pawl) or (brake with pawl)) and (fusible near4 (wire or fiber or filament or strand))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/09<br>14:33 |
| - | 1169    | ((brake near3 pawl) or (brake same pawl) or (brake with pawl)) and (cartridge or replace or replaceable or removeable or remove or removeable or remove or remove or rectanged or exchange or exchanged or exchangeable or interchange or interchangeable or substitute or substituteable or substituted) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/09<br>14:34 |
|   |         | •   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/09<br>14:34 |

|   | 53                 | (melt or melting or melted) and ((((brake near3 pawl) or (brake same pawl) or (brake with pawl)) and (cartridge or replace or replaceable or removeable or remove or remove or remove or remove or rectanged or exchange or exchanged or exchangeable or interchange or interchangeable or interchangable or interchangable or substitute or substituteable or substitutable or substituteable or ((((brake near3 pawl) or (brake same pawl) or (brake with pawl)) and (cartridge or replace or replaceable or remove or remove or removable or remove or remove or reschange or exchange or exchanged          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/09<br>14:35                                      |
|---|--------------------|---|---|--|
| - | 34                 | exchangable or interchange or interchangeable or interchangeable or interchangable or interchanged or substitute or substituteable or substituted)) and (fusible near4 (wire or fiber or filament or strand))) (melt or melting or melted) and ((((brake near3 pawl) or (brake same pawl) or (brake with pawl)) and (fusible near4 (wire or fiber or filament or strand))) or ((((brake near3 pawl) or (brake same pawl) or (brake with pawl)) and (cartridge or replace or replaceable or replacable or remove or remove or removed or exchange or exchanged or exchangeable or exchangeable or interchange or | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/09<br>14:35                                      |
| - | 3336               | interchangeable or interchangable or interchanged or substitute or substituteable or substitutable or substituted)) and (fusible near4 (wire or fiber or filament or strand)))) ((brake near3 pawl) or (brake same pawl) or (brake with pawl)) and (cartridge or replace or replaceable or replacable or removeable or remove or remove or replaced or exchange or exchanged or exchangeable  | USOCR   | 2003/12/09<br>14:43                                      |
| - | 0                  | or interchange or interchangeable or interchangable or interchanged or substitute or substituteable or substituteable or substituteable or substituted) (fusible near4 (wire or fiber or filament or strand)) and (((brake near3 pawl) or (brake same pawl) or (brake with pawl)) and (cartridge or replace or replaceable or replacable or removeable or remove or remove or replaced or exchange or exchanged or exchangeable or  | USOCR   | 2003/12/09<br>14:43                                      |
| - | 427<br>1230<br>705 | exchangable or interchange or interchangeable or interchangable or interchangable or interchanged or substitute or substituteable or substitutable or substituted)) fusible and brake  fusible near4 (wire or fiber or filament or strand) (fusible near4 (wire or fiber or filament  | USOCR<br>USOCR<br>USOCR                                 | 2003/12/09<br>14:43<br>2003/12/09<br>15:31<br>2003/12/09 |
|   | , , , ,            | or strand)) and (melt or melting or melted)   |   | 14:50  |

|   | 371    | (fusible near4 (wire or fiber or filament or strand)) and (melt or melting or melted) and (cartridge or replace or replaceable or removeable or removable or remove or replaced or exchange or exchanged or exchangeable or exchangeable or interchange or interchanged or substitute or substituted)   | USOCR | 2003/12/09 19:29    |
|---|--------|---|-------|---------------------|
|   | 338    | ((fusible near4 (wire or fiber or filament or strand)) and (melt or melting or melted) and (cartridge or replace or replaceable or removeable or removable or remove or replaced or exchange or exchanged or exchangeable or interchange or interchanged or substitute or substituteable or substitutable or substituted)) not infusible  | USOCR | 2003/12/09<br>14:53 |
| _ | 746472 | electrical or electric or current   | USOCR | 2003/12/09<br>15:31 |
| _ | 271    | (((fusible near4 (wire or fiber or filament or strand)) and (melt or melting or melted) and (cartridge or replace or replaceable or removeable or removable or remove or removable or exchange or exchanged or exchangeable or interchange or interchangeable or interchangeable or substitute or substituteable or substitutable or substituted)) not infusible) and (electrical or electric or gurrent)                                       | USOCR | 2003/12/09<br>15:00 |
| - | 791290 | current)<br>  (stored near4 energy) or spring   | USOCR | 2003/12/09<br>15:30 |
| - | 159    | ((stored near4 energy) or spring) and ((((fusible near4 (wire or fiber or filament or strand)) and (melt or melting or melted) and (cartridge or replace or replaceable or removeable or removable or remove or replaced or exchange or exchanged or exchangeable or interchange or interchangeable or interchangable or substitute or substituteable or substitutable or substituted)) not infusible) and (electrical or electric or current)) | USOCR | 2003/12/09<br>15:02 |
|   | 178    | ((fusible near4 (wire or fiber or filament or strand)) and (melt or melting or melted) and (cartridge or replace or replaceable or remove or removable or remove or removable or remove or replaced or exchange or exchanged or exchangeable or interchange or interchange or interchanged or substitute or substituteable or substitutable or substituted)) and (electrical or electric or current) and ((stored near4 energy) or spring)      | USOCR | 2003/12/09<br>15:03 |
| - | 796643 | ((stored hear4 energy) or spring) (stored near4 energy) or spring or electromechanical  | USOCR | 2003/12/09<br>15:31 |

|   |         |   | _  |                     |
|---|---------|---|--|---------------------|
| - | 1603056 | (stored near4 energy) or spring or electromechanical  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;                       | 2003/12/09<br>15:31 |
| - | 5274825 | electrical or electric or current   | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;            | 2003/12/09<br>15:31 |
| - | 3244    | fusible near4 (wire or fiber or filament or strand)   | IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;                        | 2003/12/09<br>15:32 |
| - | 1916811 | stop or brake or alarm or braking or<br>braked or stopped or stoping or stopping  | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;            | 2003/12/09<br>15:33 |
|   | 326487  | (melt or melting or melted) and (cartridge or replace or replaceable or replacable or removeable or remove or remove or remove or remove or exchange or exchanged or exchangeable or exchangeable or interchangeable or interchangeable or interchangeable or substitute or substituteable or substitutable or substituted)   | IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/09<br>15:34 |
| _ | 759     | · ·   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB            | 2003/12/09 15:35    |
|   | 112     | ((melt or melting or melted) and (cartridge or replace or replaceable or replacable or replacable or remove or remove or remove or remove or exchange or exchanged or exchanged or exchangeable or exchangeable or interchangeable or interchangeable or interchangeable or interchangeable or substitute or substituteable or substitutable or substituted)) and (fusible near4 (wire or fiber or filament or strand))) and (electrical or electric or current) and ((stored near4 energy) or spring or electromechanical) and (stop or brake or alarm or braking or braked or stopped or stoping or stopping) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB            | 2003/12/09<br>16:16 |
| _ | 301649  | 83/\$.ccls. or 30/\$.ccls. or 144/\$.ccls. or 173/\$.ccls. or 56/\$.ccls. or 408/\$.ccls. or 409/\$.ccls. or 451/\$.ccls. or 901/\$.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB            | 2003/12/09<br>16:40 |
| - | 103     | (83/\$.ccls. or 30/\$.ccls. or 144/\$.ccls. or 173/\$.ccls. or 56/\$.ccls. or 408/\$.ccls. or 409/\$.ccls. or 451/\$.ccls. or 901/\$.ccls.) and fusible   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB            | 2003/12/09<br>16:29 |
| - | 138     | (83/\$.ccls. or 30/\$.ccls. or 144/\$.ccls. or 173/\$.ccls. or 56/\$.ccls. or 408/\$.ccls. or 409/\$.ccls. or 451/\$.ccls. or 901/\$.ccls.) and fusible   | USOCR  | 2003/12/09<br>17:02 |

| - | 23113  | 297/\$.ccls.   | USOCR   | 2003/12/09<br>17:02 |
|---|--------|--|---|---------------------|
| - | 121970 | 297/\$.ccls. or "280"  | USOCR   | 2003/12/09<br>17:02 |
| _ | 69181  | 297/\$.ccls. or 280/\$.ccls.   | USOCR   | 2003/12/09          |
| _ | 148806 | 297/\$.ccls. or 280/\$.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;                                    | 2003/12/09<br>17:03 |
| - | 73     | (297/\$.ccls. or 280/\$.ccls.) and fusible   | DERWENT;<br>IBM_TDB<br>USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT; | 2003/12/09<br>17:06 |
| - | 27     | (297/\$.ccls. or 280/\$.ccls.) and fusible   | IBM_TDB<br>USOCR  | 2003/12/09<br>17:07 |
| _ | 7      | fusible) and (electrical or electric or  | USOCR   | 2003/12/09<br>17:07 |
| - | 38     | current) ((297/\$.ccls. or 280/\$.ccls.) and fusible) and (electrical or electric or current)                                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB             | 2003/12/09<br>17:13 |
| _ | 11     | 411/\$.ccls. and fusible and (electrical or electric or current)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB             | 2003/12/09 17:18    |
| - | 17     | 411/\$.ccls. and fusible and (electrical or electric or current)   | USOCR   | 2003/12/09          |
| - | 25     |  | USOCR   | 2003/12/09<br>17:23 |
| _ | 12     | 192/\$.ccls. and fusible and (electrical or electric or current)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB             | 2003/12/09 17:23    |
| _ | 512    | 29/\$.ccls. and fusible and (electrical or electric or current)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB             | 2003/12/09<br>17:25 |
| _ | 369    | electric or current)   | USOCR   | 2003/12/09<br>17:26 |
| - | 27     | 244/\$.ccls. and fusible and (electrical or electric or current)   | USOCR   | 2003/12/09          |
| _ | 80     | · · · · · · · · · · · · · · · · · · ·  | USOCR   | 2003/12/09 18:45    |
| _ | 131    | (29/\$.ccls. and fusible and (electrical or electric or current)) AND ((stored near4 energy) or spring or electromechanical) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB             | 2003/12/09<br>17:30 |
| _ | 27     | 244/\$.ccls. and fusible and (electrical or electric or current)   | USOCR   | 2003/12/09<br>18:51 |
| _ | 27     | 1  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB             | 2003/12/09<br>18:50 |
| - | 0      | 56/\$.ccls. and fusible and (electrical or electric or current)  | USOCR   | 2003/12/09<br>18:52 |
| - | 1      |  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;                        | 2003/12/09 18:52    |
| 1 |        |  | IBM_TDB   |                     |

| - | 6   | 144/\$.ccls. and fusible and (electrical or electric or current) | 1 USOCR 2003/12/09<br>18:55                    |
|---|-----|--|--|
| _ | 3   | 144/\$.ccls. and fusible and (electrical                         | 1 USPAT; 2003/12/09                            |
|   |     | or electric or current)  | US-PGPUB; 18:54<br>EPO; JPO;                   |
|   |     |  | DERWENT;                                       |
|   |     |  | IBM_TDB  |
| - | 25  | 192/\$.ccls. and fusible and (electrical or electric or current) | 1 USOCR 2003/12/09 18:58                       |
| _ | 12  | 192/\$.ccls. and fusible and (electrical                         |  |
|   |     | or electric or current)  | US-PGPUB;                                      |
|   |     |  | DERWENT;                                       |
|   |     |  | IBM_TDB  |
| _ | 225 | 340/\$.ccls. and fusible and (electrical or electric or current) | 1 USOCR 2003/12/09<br>19:31                    |
| - | 20  | 241/\$.ccls. and fusible and (electrical                         | 1 USOCR 2003/12/09                             |
|   | 10  | or electric or current) 241/\$.ccls. and fusible and (electrical | 1   19:00<br>1   USPAT;   2003/12/09           |
|   | 10  | or electric or current)  | US-PGPUB; 19:00                                |
|   |     |  | EPO; JPO;<br>DERWENT;                          |
|   |     |  | IBM_TDB  |
| - | 23  | 318/\$.ccls. and fusible and (electrical or electric or current) | 1 USPAT; 2003/12/09<br>US-PGPUB; 19:00         |
|   |     | of electric of current,  | EPO; JPO;                                      |
|   |     |  | DERWENT;<br>IBM TDB                            |
| - | 43  | 318/\$.ccls. and fusible and (electrical                         |  |
|   | ,   | or electric or current)  | 19:00<br>1 USOCR 2003/12/09                    |
| - | 1   | 408/\$.ccls. and fusible and (electrical or electric or current) | 1 050CR 2003/12/09<br>19:00                    |
| - | 3   | 408/\$.ccls. and fusible and (electrical                         |  |
|   |     | or electric or current)  | US-PGPUB; 19:01<br>EPO; JPO;                   |
|   |     |  | DERWENT;                                       |
| _ | 442 | 361/\$.ccls. and fusible and (electrical                         | IBM_TDB  |
|   | 770 | or electric or current)  | 19:01  |
| _ | 779 | 361/\$.ccls. and fusible and (electrical or electric or current) | 1   USPAT;   2003/12/09<br>  US-PGPUB;   19:02 |
|   |     |  | EPO; JPO;<br>DERWENT;                          |
|   |     |  | IBM TDB  |
| - | 3   | 409/\$.ccls. and fusible and (electrical                         |  |
|   |     | or electric or current)  | US-PGPUB; 19:03<br>EPO; JPO;                   |
|   |     |  | DERWENT;                                       |
| - | 2   | 409/\$.ccls. and fusible and (electrical                         | IBM_TDB  |
|   | 110 | or electric or current) 102/\$.ccls. and fusible and (electrica  | 19:03<br>1 USOCR 2003/12/09                    |
| _ |     | or electric or current)  | 19:03  |
| - | 94  | 102/\$.ccls. and fusible and (electrical or electric or current) | 1 USPAT; 2003/12/09<br>US-PGPUB; 19:03         |
|   |     | or diectife of cultere,  | EPO; JPO;                                      |
|   |     |  | DERWENT;<br>IBM TDB                            |
| _ | 17  | 451/\$.ccls. and fusible and (electrical                         | 1 USOCR 2003/12/09                             |
|   | 11  | or electric or current) 451/\$.ccls. and fusible and (electrica  | 19:03<br>1 USPAT; 2003/12/09                   |
| - | "   | or electric or current)  | US-PGPUB; 19:04                                |
|   |     |  | EPO; JPO;<br>DERWENT;                          |
|   |     |  | IBM_TDB  |
| - | 1   | 125/\$.ccls. and fusible and (electrical or electric or current) | 1 USPĀT; 2003/12/09<br>US-PGPUB; 19:05         |
|   |     | or electric of current)  | EPO; JPO;                                      |
|   |     |  | DERWENT;                                       |
| L |     |  | IBM_TDB  |

| - | 5   | 125/\$.ccls. and fusible and (electrical or electric or current)  | USOCR   | 2003/12/09<br>19:05 |
|---|-----|---|---|---------------------|
| _ | 10  | , ,   | USOCR   | 2003/12/09<br>19:05 |
| - | 6   | 30/\$.ccls. and fusible and (electrical or electric or current)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/09 19:06    |
| _ | 126 | 324/\$.ccls. and fusible and (electrical or electric or current)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/09<br>19:07 |
| - | 52  | 324/\$.ccls. and fusible and (electrical or electric or current)  | USOCR   | 2003/12/09<br>19:07 |
| - | 1   | 901/\$.ccls. and fusible and (electrical or electric or current)  | USOCR   | 2003/12/09<br>19:07 |
| - | 1   | 901/\$.ccls. and fusible and (electrical or electric or current)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/09 19:07    |
| _ | 7   | 112/\$.ccls. and fusible and (electrical or electric or current)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/09<br>19:09 |
| - | 10  | 112/\$.ccls. and fusible and (electrical or electric or current)  | USOCR   | 2003/12/09<br>19:11 |
| - | 281 | 340/\$.ccls. and fusible and (electrical or electric or current)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/09<br>19:21 |
| - | 94  | (340/\$.ccls. and fusible and (electrical or electric or current)) and (melt or melting or melted)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/09 19:21    |
| _ | 68  | ((340/\$.ccls. and fusible and (electrical or electric or current)) and (melt or melting or melted)) and (cartridge or replace or replaceable or replacable or removeable or remove or remove or replaced or exchange or exchanged or exchangeable or interchange or interchangeable or substitute or substituteable or substitutable or substituted)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/09 19:25    |
| - |     | ((340/\$.ccls. and fusible and (electrical or electric or current)) and (melt or melting or melted)) not (((340/\$.ccls. and fusible and (electrical or electric or current)) and (melt or melting or melted)) and (cartridge or replace or replaceable or replacable or removeable or removable or remove or replaced or exchange or exchanged or exchangeable or interchange or interchanged or substitute or substituteable or substituted)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/10 11:29    |
| _ | 150 | (340/\$.ccls. and fusible and (electrical or electric or current)) and ((stored near4 energy) or spring or electromechanical)   | USOCR   | 2003/12/09 19:28    |

| •     |   |       |                     |
|-------|---|-------|---------------------|
| - 44  | ((340/\$.ccls. and fusible and (electrical or electric or current)) and ((stored  | USOCR | 2003/12/10<br>11:28 |
| - 230 | or electric or current)) and ((stored near4 energy) or spring or electromechanical)) and (melt or melting or melted) and (cartridge or replace or replaceable or removeable or removable or remove or replaced or exchange or exchanged or exchangeable or interchange or interchangeable or interchanged or substitute or substituteable or substituted) | USOCR | 1                   |
|       | (electrical or electric or current)) or (324/\$.ccls. and fusible and (electrical or electric or current)) or (901/\$.ccls.   |       |                     |
|       | and fusible and (electrical or electric or current)))   |       |                     |

| - 180 | ((melt or melting or melted) and (cartridge or replace or replaceable or removeable or removable or remove or replacable or remove or replaced or exchange or exchanged or exchangeable or interchange or interchange or interchange or interchanged or substitute or substituteable or substituteable or substituteable or substituteable or current)) and ((241/\$.ccls. and fusible and (electrical or electric or current)) or (318/\$.ccls. and fusible and (electrical or electrical  current)) or (408/\$.ccls. and fusible and (electrical or electric or current)) or (102/\$.ccls. and fusible and (electrical or electric or current)) or (102/\$.ccls. and fusible and (electrical or electric or current)) or (102/\$.ccls. and fusible and (electrical or electric or current)) or (102/\$.ccls. and fusible and (electrical or electric or current)) or (25/\$.ccls. and fusible and (electrical or electric or current)) or (324/\$.ccls. and fusible and (electrical or electric or current)) or (324/\$.ccls. and fusible and (electrical or electric or current)) or (901/\$.ccls. and fusible and (electrical or electric or current)) or (324/\$.ccls. and fusible and (electrical or electric or current)) or (316/\$.ccls. and fusible and (electrical or electric or current)) or (316/\$.ccls. and fusible or remove or replaced or exchange or exchangeable or interchangeable or electric or current)) or (318/\$.ccls. and fusible and (electrical or electric or current)) or (408/\$.ccls. and fusible and (electrical or electric or current)) or (405/\$.ccls. and fusible and (electrical or electric or current)) or (102/\$.ccls. and fusible and (electrical or electric or current)) or (451/\$.ccls. and fusible and (electrical or electric or current)) or (324/\$.ccls. and fusible and (electrical or electric or current)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/09<br>19:53<br>2003/12/09<br>19:54 |
|-------|--|--|--|

| - | 12 | ((403/\$.ccls. and fusible and (electrical or electric or current)) and (melt or melting or melted)) not (((403/\$.ccls. and fusible and (electrical or electric or current)) and (melt or melting or melted)) and (cartridge or replace or replaceable or removeable or removable or remove or   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/10<br>11:46 |
|---|----|---|---|---------------------|
| _ | 6  | replaced or exchange or exchanged or exchangeable or exchangeable or interchange or interchangeable or interchangeable or substitute or substituteable or substitutable or substituted)) ((403/\$.ccls. and fusible and (electrical   | USOCR   | 2003/12/10          |
|   |    | or electric or current)) and ((stored near4 energy) or spring or electromechanical)) and (melt or melting or melted) and (cartridge or replace or replaceable or removeable or removable or remove or replaced or exchange or exchanged or exchangeable or interchange or interchangeable or interchangeable or substitute or substituted)  |   | 11:49               |
| _ | 17 | ((403/\$.ccls. and fusible and (electrical or electric or current)) and ((stored near4 energy) or spring or electromechanical))   | USOCR   | 2003/12/10<br>11:49 |
| - | 8  | ((403/\$.ccls. and fusible and (electrical or electric or current)) and ((stored near4 energy) or spring or electromechanical))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/10<br>11:49 |
|   | 11 | (((403/\$.ccls. and fusible and (electrical or electric or current)) and ((stored near4 energy) or spring or electromechanical))) not (((403/\$.ccls. and fusible and (electrical or electric or current)) and ((stored near4 energy) or spring or electromechanical)) and (melt or melting or melted) and (cartridge or replace or replaceable or replacable or remove or remove or removed or exchange or exchanged or exchange or exchanged or interchange or interchangeable or interchangeable or substituteable or substitutable or substituted))   | USOCR   | 2003/12/10 11:33    |
| - | 4  | ((403/\$.ccls. and fusible and (electrical or electric or current)) and ((stored near4 energy) or spring or electromechanical))) not ((403/\$.ccls. and fusible and (electrical or electric or current)) and (melt or melting or melted)) not ((403/\$.ccls. and fusible and (electrical or electric or current)) and (melt or melting or melted)) and (cartridge or replace or replaceable or replacable or remove or remove or remove or remove or rechange or exchanged or exchangeable or interchangeable or interchangeable or substitute or substituteable or substitutable or substitutable or substitutable or substituted))) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/10<br>11:35 |

| - | 6  | ((411/\$.ccls. and fusible and (electrical   | USPAT;    | 2003/12/10 |
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| - | 7  | ((411/\$.ccls. and fusible and (electrical   | USOCR     | 2003/12/10 |
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| - | 32 | or electric or current)) and ((stored  | US-PGPUB; | 12:01      |
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| -   | 59  | ((74/\$.ccls. and fusible and (electrical | USOCR     | 2003/12/10 |
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|     |     | near4 energy) or spring or                | EPO; JPO; |            |
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| - | 57 | (((74/\$.ccls. and fusible and (electrical or electric or current)) and ((stored | USOCR                  | 2003/12/10<br>12:47 |
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| ŀ   | ((stored near4 energy) or spring or       | EPO; JPO; |            |
|     | electromechanical)) ) not (((403/\$.ccls. | DERWENT;  |            |
| İ   | and fusible and (electrical or electric   | IBM TDB   |            |
|     | or current)) and (melt or melting or      | <u>-</u>  |            |
|     | melted)) not (((403/\$.ccls. and fusible  |           |            |
|     | and (electrical or electric or current))  |           |            |
|     | and (melt or melting or melted)) and      |           |            |
|     | (cartridge or replace or replaceable or   |           |            |
|     | replacable or removeable or removable or  |           |            |
|     | remove or remove or replaced or exchange  |           |            |
|     | or exchanged or exchangeable or           |           |            |
|     | exchangable or interchange or             |           |            |
|     | interchangeable or interchangable or      |           |            |
|     | interchanged or substitute or             |           |            |
|     |   |           |            |
|     | substituteable or substitutable or        |           |            |
|     | substituted))) or (((403/\$.ccls. and     |           |            |
|     | fusible and (electrical or electric or    |           |            |
|     | current)) and ((stored near4 energy) or   |           |            |
|     | spring or electromechanical))) or         |           |            |
|     | (((411/\$.ccls. and fusible and           |           |            |
|     | (electrical or electric or current)) and  |           |            |
|     | ((stored near4 energy) or spring or       |           |            |
|     | electromechanical)) ) or (((335/\$.ccls.  |           |            |
| l l | and fusible and (electrical or electric   |           |            |
|     | or current)) and ((stored near4 energy)   |           |            |
|     | or spring or electromechanical)) ) or     |           |            |
|     | (((218/\$.ccls. and fusible and           |           |            |
|     | (electrical or electric or current)) and  |           |            |
|     | ((stored near4 energy) or spring or       |           |            |
|     | electromechanical)) ) or (((74/\$.ccls.   |           |            |
|     | and fusible and (electrical or electric   |           |            |
|     | or current)) and ((stored near4 energy)   |           |            |
|     | or spring or electromechanical)) ) or     |           |            |
|     | (((292/\$.ccls. and fusible and           |           |            |
|     | (electrical or electric or current)) and  |           |            |
|     | ((stored near4 energy) or spring or       |           |            |
|     | electromechanical))))                     |           |            |

| [- T | 13  | (((192/\$.ccls. and fusible and   | USOCR     | 2003/12/10 |
|------|-----|---|-----------|------------|
|      |     | (electrical or electric or current)) and                                      |           | 13:02      |
|      | i   | ((stored near4 energy) or spring or   |           |            |
|      |     | electromechanical)) ) not ((((403/\$.ccls.                                    |           |            |
|      |     | and fusible and (electrical or electric                                       |           |            |
| 1    | į   | or current)) and ((stored near4 energy)                                       |           |            |
|      |     | or spring or electromechanical)) and  |           |            |
| i 1  |     | (melt or melting or melted) and   |           |            |
|      |     | (cartridge or replace or replaceable or                                       |           |            |
|      |     | replacable or removeable or removable or                                      |           |            |
|      |     | remove or replaced or exchange  |           |            |
| 1    |     | or exchanged or exchangeable or   |           |            |
| 1    |     | exchangable or interchange or   |           |            |
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|      |     | substituteable or substitutable or  | İ         |            |
|      |     | substituted)) or (((403/\$.ccls. and  |           |            |
|      |     | fusible and (electrical or electric or  |           |            |
| 1    |     | current)) and ((stored near4 energy) or                                       |           |            |
|      | l   | spring or electromechanical))) or   |           |            |
|      |     | ((((403/\$.ccls. and fusible and  |           |            |
|      |     | (electrical or electric or current)) and                                      |           |            |
|      |     | ((stored near4 energy) or spring or electromechanical)) ) not (((403/\$.ccls. |           |            |
| 1 1  |     | and fusible and (electrical or electric                                       |           |            |
| 1    |     | or current)) and ((stored near4 energy)                                       |           |            |
|      |     | or spring or electromechanical)) and  |           |            |
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| 1    |     | (cartridge or replace or replaceable or                                       | •         |            |
|      |     | replacable or removeable or removable or                                      |           |            |
|      |     | remove or remove or replaced or exchange                                      |           |            |
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|      |     | fusible and (electrical or electric or  |           | ]          |
|      |     | current)) and ((stored near4 energy) or                                       |           |            |
|      | Ï   | spring or electromechanical)) ) or  |           |            |
|      |     | (((335/\$.ccls. and fusible and   |           |            |
|      |     | (electrical or electric or current)) and                                      |           |            |
|      |     | ((stored near4 energy) or spring or   |           |            |
|      |     | electromechanical))) or (((218/\$.ccls.                                       | 1         |            |
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|      |     | or current)) and ((stored near4 energy)                                       |           |            |
|      | 1   | or spring or electromechanical)) ) or   |           |            |
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|      |     | or electric or current)) and ((stored   |           |            |
| ]    |     | near4 energy) or spring or  |           |            |
|      |     | electromechanical)) ) or (((292/\$.ccls.                                      |           |            |
|      |     | and fusible and (electrical or electric                                       |           |            |
|      |     | or current)) and ((stored near4 energy)                                       | [         |            |
|      |     | or spring or electromechanical)) ))   |           | 0000/10/10 |
| -    | 83  | ((137/\$.ccls. and fusible and (electrical                                    | USOCR     | 2003/12/10 |
|      |     | or electric or current)) and ((stored   |           | 13:28      |
|      |     | near4 energy) or spring or  |           |            |
|      |     | electromechanical))   |           | 0000/10/10 |
| -    | 103 | ((137/\$.ccls. and fusible and (electrical                                    | USPAT;    | 2003/12/10 |
|      |     | or electric or current)) and ((stored   | US-PGPUB; | 13:28      |
|      |     | near4 energy) or spring or  | EPO; JPO; |            |
|      |     | electromechanical))   | DERWENT;  |            |
|      |     |   | IBM_TDB   |            |

| - 93 | (((137/\$.ccls. and fusible and          | USPAT;    | 2003/12/10 |
|------|--|-----------|------------|
|      | (electrical or electric or current)) and | US-PGPUB; | 13:31      |
|      | ((stored near4 energy) or spring or      | EPO; JPO; |            |
|      | electromechanical))) not (((403/\$.ccls. | DERWENT;  |            |
|      | and fusible and (electrical or electric  | IBM TDB   |            |
| 1    | or current)) and (melt or melting or     | _         |            |
|      | melted)) not (((403/\$.ccls. and fusible |           |            |
|      | and (electrical or electric or current)) |           |            |
|      | and (melt or melting or melted)) and     |           |            |
|      | (cartridge or replace or replaceable or  |           |            |
|      | replacable or removeable or removable or |           |            |
|      | remove or remove or replaced or exchange |           |            |
|      | or exchanged or exchangeable or          |           |            |
|      | exchangable or interchange or            | 1         |            |
|      | interchangeable or interchangable or     |           |            |
| i    | interchanged or substitute or            | 1         |            |
|      | substituteable or substitutable or       |           |            |
|      | substituted))) or (((403/\$.ccls. and    |           |            |
|      | fusible and (electrical or electric or   |           |            |
|      | current)) and ((stored near4 energy) or  |           |            |
|      | spring or electromechanical)) ) or       |           |            |
|      | (((411/\$.ccls. and fusible and          | İ         |            |
|      | (electrical or electric or current)) and |           |            |
|      | ((stored near4 energy) or spring or      |           |            |
|      | electromechanical))) or (((335/\$.ccls.  |           |            |
|      | and fusible and (electrical or electric  |           |            |
| 1    | or current)) and ((stored near4 energy)  | ]         |            |
|      | or spring or electromechanical))) or     |           |            |
|      | (((218/\$.ccls. and fusible and          |           |            |
|      | (electrical or electric or current)) and |           |            |
|      | ((stored near4 energy) or spring or      |           |            |
|      | electromechanical))) or (((74/\$.ccls.   |           |            |
| 1    | and fusible and (electrical or electric  |           |            |
|      | or current)) and ((stored near4 energy)  |           |            |
|      | or spring or electromechanical))) or     |           |            |
|      | (((292/\$.ccls. and fusible and          |           |            |
|      | (electrical or electric or current)) and |           |            |
|      | ((stored near4 energy) or spring or      |           |            |
|      | electromechanical))) or (((192/\$.ccls.  |           | 1          |
|      | and fusible and (electrical or electric  |           |            |
|      | or current)) and ((stored near4 energy)  |           |            |
|      | or spring or electromechanical))))       |           |            |
| L    | or spring or erectionechanical, //       | l         | l          |

| - | 77 | (((137/\$.ccls. and fusible and  | USOCR     | 2003/12/10 |
|---|----|--|-----------|------------|
|   |    | (electrical or electric or current)) and   |           | 13:31      |
|   |    | ((stored near4 energy) or spring or  |           |            |
|   |    | electromechanical)) ) not ((((403/\$.ccls.   |           |            |
|   |    | and fusible and (electrical or electric  |           |            |
|   |    | or current)) and ((stored near4 energy)  |           |            |
|   |    | or spring or electromechanical)) and   |           |            |
|   |    | (melt or melting or melted) and  |           |            |
|   |    | (cartridge or replace or replaceable or  |           |            |
|   |    | replacable or removeable or removable or   |           |            |
|   |    | remove or remove or replaced or exchange   |           |            |
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|   |    | exchangable or interchange or  |           |            |
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|   |    | substituted)) or (((403/\$.ccls. and   |           |            |
|   |    | fusible and (electrical or electric or   |           |            |
|   |    | current)) and ((stored near4 energy) or  |           |            |
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|   |    | electromechanical))) not (((403/\$.ccls.   |           |            |
| 1 |    | and fusible and (electrical or electric  |           |            |
|   |    | or current)) and ((stored near4 energy)  |           |            |
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|   |    | replacable or removeable or removable or   |           |            |
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|   |    | exchangable or interchange or  |           |            |
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|   |    | substituted)) ) or (((411/\$.ccls. and   |           |            |
|   |    | fusible and (electrical or electric or   |           |            |
|   |    | current)) and ((stored near4 energy) or  |           |            |
|   |    | spring or electromechanical))) or  |           |            |
|   |    | (((335/\$.ccls. and fusible and  |           |            |
| 1 |    | (electrical or electric or current)) and   | İ         |            |
| 1 |    | ((stored near4 energy) or spring or  |           |            |
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|   |    |  |           |            |
|   |    | or current)) and ((stored near4 energy)  |           |            |
|   |    | or spring or electromechanical))) or (((74/\$.ccls. and fusible and (electrical  |           |            |
|   |    | or electric or current)) and ((stored  |           |            |
|   |    | near4 energy) or spring or   |           |            |
|   |    | electromechanical))) or (((292/\$.ccls.  |           |            |
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|   |    | or current)) and ((stored near4 energy)  |           |            |
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|   |    | (((192/\$.ccls. and fusible and  |           |            |
|   |    | (electrical or electric or current)) and   |           |            |
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|   |    | electromechanical))))  |           |            |
| _ | 61 |  | USPAT;    | 2003/12/10 |
|   |    | or electric or current)) and ((stored  | US-PGPUB; | 13:34      |
|   |    | near4 energy) or spring or   | EPO; JPO; |            |
|   |    | electromechanical))  | DERWENT;  |            |
|   |    |  | IBM TDB   |            |
| - | 46 | ((251/\$.ccls. and fusible and (electrical   | USOCR     | 2003/12/10 |
|   |    | or electric or current)) and ((stored  |           | 13:34      |
|   |    | near4 energy) or spring or   |           |            |
|   |    | electromechanical))  |           |            |
| L |    | Lancas de la companya |           |            |

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|------|--|-----------|------------|
| - 20 | (((251/\$.ccls. and fusible and          | USPAT;    | 2003/12/10 |
|      | (electrical or electric or current)) and | US-PGPUB; | 13:35      |
|      | ((stored near4 energy) or spring or      | EPO; JPO; |            |
| 1    | electromechanical))) not (((403/\$.ccls. | DERWENT;  |            |
|      | and fusible and (electrical or electric  | IBM TDB   |            |
| 1    | or current)) and (melt or melting or     | <u>-</u>  |            |
|      | melted)) not (((403/\$.ccls. and fusible |           |            |
|      | and (electrical or electric or current)) |           |            |
| l l  | and (melt or melting or melted)) and     |           |            |
|      | (cartridge or replace or replaceable or  |           |            |
|      | replacable or removeable or removable or |           |            |
|      | remove or remove or replaced or exchange |           |            |
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|      | ,  |           |            |
| 1    | exchangable or interchange or            |           |            |
|      | interchangeable or interchangable or     |           |            |
|      | interchanged or substitute or            |           |            |
|      | substituteable or substitutable or       |           |            |
|      | substituted))) or (((403/\$.ccls. and    |           |            |
|      | fusible and (electrical or electric or   |           |            |
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|      | spring or electromechanical)) ) or       |           |            |
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|      | (electrical or electric or current)) and |           |            |
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|      | electromechanical)) ) or (((335/\$.ccls. |           |            |
|      | and fusible and (electrical or electric  |           |            |
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| 1 1  | or spring or electromechanical))) or     |           |            |
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| 1    | electromechanical))) or (((192/\$.ccls.  |           |            |
|      | and fusible and (electrical or electric  |           |            |
|      | or current)) and ((stored near4 energy)  |           |            |
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|      | or spring or electromechanical))) or     |           | Ì          |
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| 1    | (electrical or electric or current)) and |           |            |
|      | ((stored near4 energy) or spring or      |           |            |
|      | electromechanical))))                    | L         | <u></u>    |

| - | 11 | (((251/\$.ccls. and fusible and   | USOCR      | 2003/12/10 |
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|   |    | (electrical or electric or current)) and                                    |            | 13:35      |
|   |    | ((stored near4 energy) or spring or   |            |            |
|   |    | electromechanical)) ) not (((403/\$.ccls.                                   |            |            |
|   |    | and fusible and (electrical or electric                                     |            |            |
|   |    | or current)) and ((stored near4 energy)                                     |            |            |
|   | 1  | or spring or electromechanical)) and  |            |            |
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|   | İ  | (cartridge or replace or replaceable or                                     |            |            |
|   |    | replacable or removeable or removable or                                    |            | ]          |
|   |    | remove or remove or replaced or exchange                                    |            |            |
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| 1 |    | substituteable or substitutable or  |            |            |
|   |    | substituted)) or (((403/\$.ccls. and  |            |            |
|   |    | fusible and (electrical or electric or                                      |            |            |
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|   |    | spring or electromechanical)) ) or ((((403/\$.ccls. and fusible and         | 1          |            |
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|   |    | and fusible and (electrical or electric                                     |            |            |
|   |    | or current)) and ((stored near4 energy)                                     |            |            |
|   |    | or spring or electromechanical)) and  |            |            |
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|   |    | (cartridge or replace or replaceable or                                     |            |            |
|   | !  | replacable or removeable or removable or                                    |            |            |
|   |    | remove or remove or replaced or exchange                                    |            |            |
|   |    | or exchanged or exchangeable or   |            |            |
|   |    | exchangable or interchange or   |            |            |
|   |    | interchangeable or interchangable or  |            |            |
|   |    | interchanged or substitute or   |            |            |
|   |    | substituteable or substitutable or   substituted)) ) or (((411/\$.ccls. and |            |            |
|   |    | fusible and (electrical or electric or                                      |            |            |
|   |    | current)) and ((stored near4 energy) or                                     |            |            |
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|   |    | (((335/\$.ccls. and fusible and   |            |            |
|   |    | (electrical or electric or current)) and                                    |            |            |
|   |    | ((stored near4 energy) or spring or   |            |            |
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|   |    | and fusible and (electrical or electric                                     |            |            |
|   |    | or current)) and ((stored near4 energy)                                     |            |            |
|   |    | or spring or electromechanical))) or  |            |            |
|   |    | (((74/\$.ccls. and fusible and (electrical                                  |            |            |
|   |    | or electric or current)) and ((stored                                       |            |            |
|   |    | near4 energy) or spring or electromechanical)) ) or (((292/\$.ccls.         |            | ]          |
|   |    | and fusible and (electrical or electric                                     |            |            |
|   |    | or current)) and ((stored near4 energy)                                     |            |            |
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|   |    | ((stored near4 energy) or spring or   |            |            |
|   |    | electromechanical))) or (((137/\$.ccls.                                     |            |            |
| ] |    | and fusible and (electrical or electric                                     |            |            |
|   |    | or current)) and ((stored near4 energy)                                     |            | ]          |
|   |    | or spring or electromechanical))))  | 1,,,,,,,,, | 2002/20/20 |
| - | 27 | ((307/\$.ccls. and fusible and (electrical                                  | USOCR      | 2003/12/10 |
|   | ļ  | or electric or current)) and ((stored                                       |            | 13:50      |
|   |    | near4 energy) or spring or electromechanical))                              |            |            |
| _ | 46 | ((307/\$.ccls. and fusible and (electrical                                  | USPAT;     | 2003/12/10 |
|   |    | or electric or current)) and ((stored                                       | US-PGPUB;  | 13:50      |
|   |    | near4 energy) or spring or  | EPO; JPO;  |            |
|   |    | electromechanical))   | DERWENT;   |            |
|   |    | , ,   | IBM TDB    |            |
| · |    | L   | ·          | ·          |

| - 42 | (((307/\$.ccls. and fusible and  | USPAT;    | 2003/12/10 |
|------|--|-----------|------------|
|      | (electrical or electric or current)) and   | US-PGPUB; | 13:52      |
|      | ((stored near4 energy) or spring or  | EPO; JPO; |            |
|      | electromechanical)) not (((403/\$.ccls.  | DERWENT;  |            |
|      | and fusible and (electrical or electric  | IBM TDB   |            |
|      | or current)) and (melt or melting or   | _         |            |
|      | melted)) not (((403/\$.ccls. and fusible   |           |            |
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|      | and (melt or melting or melted)) and   |           |            |
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| 1    | fusible and (electrical or electric or   |           |            |
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|      | (electrical or electric or current)) and   |           |            |
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|      | and fusible and (electrical or electric  |           |            |
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|      | or spring or electromechanical))) or   |           |            |
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|      | (electrical or electric or current)) and   |           |            |
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|      | electromechanical))) or (((74/\$.ccls.   |           | 1          |
| 1    | and fusible and (electrical or electric  |           |            |
| 1    | or current)) and ((stored near4 energy)  |           |            |
| 1    | or spring or electromechanical))) or   |           |            |
| 1    | (((292/\$.ccls. and fusible and  | 1         |            |
| 1    | (electrical or electric or current)) and   |           |            |
|      | ((stored near4 energy) or spring or  |           |            |
| ļ    | electromechanical))) or (((192/\$.ccls.  |           |            |
| }    | and fusible and (electrical or electric  |           |            |
| 1    | or current)) and ((stored near4 energy)  |           |            |
| 1    | or spring or electromechanical))) or   |           |            |
| 1    | (((137/\$.ccls. and fusible and  |           |            |
|      | (electrical or electric or current)) and   |           |            |
|      | ((stored near4 energy) or spring or  |           |            |
|      | electromechanical))) or (((251/\$.ccls.  |           |            |
| 1    | and fusible and (electrical or electric  |           |            |
| 1    | or current)) and ((stored near4 energy)  |           |            |
| 1    | or spring or electromechanical))))   | t         |            |
| 1    | in the state of th | 1         | 1          |

| - | 25  | (((307/\$.ccls. and fusible and  | USOCR              | 2003/12/10 |
|---|-----|--|--------------------|------------|
|   |     | (electrical or electric or current)) and   |                    | 13:52      |
|   |     | ((stored near4 energy) or spring or electromechanical)) ) not (((403/\$.ccls.    |                    |            |
|   |     | and fusible and (electrical or electric  |                    |            |
|   |     | or current)) and ((stored near4 energy)  |                    |            |
|   |     | or spring or electromechanical)) and   |                    |            |
|   |     | (melt or melting or melted) and  |                    |            |
|   |     | (cartridge or replace or replaceable or replacable or removeable or removable or |                    |            |
|   |     | remove or remove or replaced or exchange   |                    |            |
|   |     | or exchanged or exchangeable or  |                    |            |
|   |     | exchangable or interchange or  |                    |            |
|   |     | interchangeable or interchangable or interchanged or substitute or               |                    |            |
|   |     | substituteable or substitutable or   |                    |            |
|   |     | substituted)) or (((403/\$.ccls. and   |                    |            |
|   |     | fusible and (electrical or electric or   |                    |            |
|   |     | current)) and ((stored near4 energy) or spring or electromechanical)) ) or       |                    |            |
|   |     | ((((403/\$.ccls. and fusible and   |                    |            |
|   |     | (electrical or electric or current)) and   |                    |            |
|   |     | ((stored near4 energy) or spring or  |                    |            |
|   |     | electromechanical))) not (((403/\$.ccls.and fusible and (electrical or electric  |                    |            |
|   |     | or current)) and ((stored near4 energy)  |                    |            |
|   |     | or spring or electromechanical)) and   |                    |            |
|   |     | (melt or melting or melted) and  |                    |            |
|   |     | (cartridge or replace or replaceable or replacable or removeable or removable or |                    |            |
|   |     | remove or remove or replaced or exchange   |                    |            |
|   |     | or exchanged or exchangeable or  |                    | i<br>      |
|   |     | exchangable or interchange or  |                    |            |
|   |     | interchangeable or interchangable or interchanged or substitute or               |                    |            |
|   |     | substituteable or substitutable or   |                    |            |
|   |     | substituted)) ) or (((411/\$.ccls. and   |                    |            |
|   |     | fusible and (electrical or electric or   |                    |            |
|   |     | current)) and ((stored near4 energy) or spring or electromechanical)) ) or       |                    |            |
| } |     | (((335/\$.ccls. and fusible and  |                    |            |
|   |     | (electrical or electric or current)) and   |                    |            |
|   |     | ((stored near4 energy) or spring or  |                    |            |
|   |     | electromechanical))) or (((218/\$.ccls. and fusible and (electrical or electric  |                    |            |
|   |     | or current)) and ((stored near4 energy)  | 1                  |            |
|   |     | or spring or electromechanical)) ) or  |                    |            |
|   |     | (((74/\$.ccls. and fusible and (electrical                                       | 1                  |            |
|   |     | or electric or current)) and ((stored near4 energy) or spring or                 |                    |            |
|   |     | electromechanical)) ) or (((292/\$.ccls.   |                    |            |
|   |     | and fusible and (electrical or electric  | 1                  |            |
|   |     | or current)) and ((stored near4 energy) or spring or electromechanical)) ) or    | 1                  |            |
|   |     | (((192/\$.ccls. and fusible and  |                    |            |
|   |     | (electrical or electric or current)) and   |                    |            |
|   |     | ((stored near4 energy) or spring or  | 1                  |            |
|   |     | electromechanical))) or (((137/\$.ccls. and fusible and (electrical or electric  | 1                  |            |
| ] |     | or current)) and ((stored near4 energy)  |                    |            |
|   |     | or spring or electromechanical)) ) or  |                    |            |
|   |     | (((251/\$.ccls. and fusible and  |                    |            |
|   |     | (electrical or electric or current)) and   |                    |            |
|   |     | ((stored near4 energy) or spring or electromechanical))))                        |                    |            |
| - | 347 |  | USPAT;             | 2003/12/10 |
|   |     | or electric or current)) and ((stored  | US-PGPUB;          | 13:51      |
|   |     | near4 energy) or spring or electromechanical))                                   | EPO; JPO; DERWENT; |            |
|   |     | erectomechanical,  | IBM TDB            |            |
|   | l   | 1  |                    | l          |

|   | 242 | 1/201/0 rela and furthly and /alartical    | USOCR       | 2003/12/10 |
|---|-----|--|-------------|------------|
| - | 240 | ((361/\$.ccls. and fusible and (electrical | USOCK       | 13:51      |
|   |     | or electric or current)) and ((stored      |             | 13:31      |
|   |     | near4 energy) or spring or                 |             |            |
| • |     | electromechanical))                        | *********** | 2002/12/10 |
| - | 323 |  | USPAT;      | 2003/12/10 |
|   |     | (electrical or electric or current)) and   | US-PGPUB;   | 13:54      |
|   |     | ((stored near4 energy) or spring or        | EPO; JPO;   |            |
|   |     | electromechanical)) ) not ((((403/\$.ccls. | DERWENT;    |            |
|   |     | and fusible and (electrical or electric    | IBM_TDB     |            |
|   |     | or current)) and (melt or melting or       |             |            |
|   |     | melted)) not (((403/\$.ccls. and fusible   |             |            |
|   |     | and (electrical or electric or current))   |             |            |
|   |     | and (melt or melting or melted)) and       |             |            |
|   |     | (cartridge or replace or replaceable or    |             |            |
|   |     | replacable or removeable or removable or   |             |            |
|   |     | remove or remove or replaced or exchange   |             |            |
|   |     | or exchanged or exchangeable or            | İ           |            |
|   | 1   | exchangable or interchange or              | 1           |            |
|   |     | interchangeable or interchangable or       | 1           |            |
|   |     | interchanged or substitute or              | 1           |            |
|   | :   | substituteable or substitutable or         | 1           |            |
|   |     | substituted))) or (((403/\$.ccls. and      | 1           |            |
|   |     | fusible and (electrical or electric or     |             |            |
|   |     | current)) and ((stored near4 energy) or    |             |            |
|   | 1   | spring or electromechanical))) or          |             |            |
|   |     |  |             |            |
|   |     | (((411/\$.ccls. and fusible and            |             | · ·        |
|   |     | (electrical or electric or current)) and   |             |            |
|   |     | ((stored near4 energy) or spring or        |             |            |
|   |     | electromechanical)) ) or (((335/\$.ccls.   |             |            |
|   |     | and fusible and (electrical or electric    |             |            |
|   |     | or current)) and ((stored near4 energy)    |             |            |
|   | 1   | or spring or electromechanical)) ) or      |             |            |
|   |     | (((218/\$.ccls. and fusible and            | •           |            |
|   |     | (electrical or electric or current)) and   |             |            |
|   |     | ((stored near4 energy) or spring or        | }           |            |
|   |     | electromechanical)) ) or (((74/\$.ccls.    |             |            |
|   |     | and fusible and (electrical or electric    |             |            |
|   |     | or current)) and ((stored near4 energy)    |             |            |
|   |     | or spring or electromechanical)) ) or      |             |            |
|   |     | (((292/\$.ccls. and fusible and            |             |            |
|   |     | (electrical or electric or current)) and   |             |            |
|   |     | ((stored near4 energy) or spring or        |             |            |
|   |     | electromechanical))) or (((192/\$.ccls.    |             |            |
|   |     | and fusible and (electrical or electric    | 1           |            |
|   |     | or current)) and ((stored near4 energy)    |             |            |
|   |     | or spring or electromechanical))) or       |             |            |
|   |     | (((137/\$.ccls. and fusible and            |             |            |
|   |     | (electrical or electric or current)) and   |             |            |
|   |     | ((stored near4 energy) or spring or        | 1           |            |
|   |     | electromechanical))) or (((251/\$.ccls.    | 1           |            |
|   | [   | and fusible and (electrical or electric    |             |            |
|   |     | or current)) and ((stored near4 energy)    | 1           |            |
|   | 1   |  | 1           |            |
|   |     | or spring or electromechanical))) or       | 1           |            |
|   | 1   | (((307/\$.ccls. and fusible and            | 1           |            |
|   |     | (electrical or electric or current)) and   | 1           |            |
|   |     | ((stored near4 energy) or spring or        |             |            |
|   | I   | electromechanical))))                      |             |            |

| _ | 195   | (((361/\$.ccls. and fusible and   | USOCR | 2003/12/10 |
|---|-------|---|-------|------------|
|   |       | (electrical or electric or current)) and                                  |       | 14:22      |
|   |       | ((stored near4 energy) or spring or                                       |       |            |
|   |       | electromechanical)) ) not (((403/\$.ccls.                                 |       |            |
|   |       | and fusible and (electrical or electric                                   |       |            |
|   |       | or current)) and ((stored near4 energy)                                   |       |            |
|   |       | or spring or electromechanical)) and                                      |       |            |
|   |       | (melt or melting or melted) and   |       | 1          |
| 1 |       | (cartridge or replace or replaceable or                                   |       | <u> </u>   |
|   |       | replacable or removeable or removable or                                  |       |            |
|   |       | remove or remove or replaced or exchange                                  |       |            |
|   |       | or exchanged or exchangeable or   |       |            |
|   |       | exchangable or interchange or   |       |            |
|   |       | interchangeable or interchangable or                                      |       |            |
|   |       | interchanged or substitute or   |       |            |
|   |       | substituteable or substitutable or  |       |            |
|   |       | substituted)) or (((403/\$.ccls. and                                      |       |            |
|   |       | fusible and (electrical or electric or                                    |       |            |
|   |       | current)) and ((stored near4 energy) or                                   |       | l          |
|   |       | spring or electromechanical)) ) or  |       |            |
|   |       |   |       |            |
|   |       | ((((403/\$.ccls. and fusible and (electrical or electric or current)) and |       |            |
|   |       | 1 ,   |       |            |
|   |       | ((stored near4 energy) or spring or                                       |       |            |
|   |       | electromechanical))) not (((403/\$.ccls.                                  |       |            |
|   |       | and fusible and (electrical or electric                                   |       |            |
|   |       | or current)) and ((stored near4 energy)                                   |       |            |
|   |       | or spring or electromechanical)) and                                      |       |            |
|   |       | (melt or melting or melted) and   |       |            |
|   |       | (cartridge or replace or replaceable or                                   |       |            |
|   |       | replacable or removeable or removable or                                  |       |            |
|   |       | remove or remove or replaced or exchange                                  |       |            |
|   |       | or exchanged or exchangeable or   |       |            |
|   |       | exchangable or interchange or   |       |            |
|   |       | interchangeable or interchangable or                                      | }     |            |
| 1 |       | interchanged or substitute or   |       |            |
|   |       | substituteable or substitutable or  |       |            |
|   |       | substituted)) ) or (((411/\$.ccls. and                                    |       |            |
|   |       | fusible and (electrical or electric or                                    |       |            |
|   |       | current)) and ((stored near4 energy) or                                   |       |            |
|   |       | spring or electromechanical)) ) or  |       |            |
| : |       | (((335/\$.ccls. and fusible and   |       |            |
| : |       | (electrical or electric or current)) and                                  |       |            |
|   |       | ((stored near4 energy) or spring or                                       | 1     |            |
|   |       | electromechanical)) ) or (((218/\$.ccls.                                  |       |            |
| 1 |       | and fusible and (electrical or electric                                   |       |            |
|   |       | or current)) and ((stored near4 energy)                                   |       |            |
| 1 |       | or spring or electromechanical)) ) or                                     |       |            |
|   |       | (((74/\$.ccls. and fusible and (electrical                                |       |            |
|   |       | or electric or current)) and ((stored                                     |       |            |
|   |       | near4 energy) or spring or  |       | 1          |
|   |       | electromechanical)) ) or (((292/\$.ccls.                                  |       |            |
|   |       | and fusible and (electrical or electric                                   |       |            |
|   |       | or current)) and ((stored near4 energy)                                   |       | ]          |
|   |       | or spring or electromechanical)) ) or                                     |       |            |
|   |       | (((192/\$.ccls. and fusible and   |       |            |
| į |       | (electrical or electric or current)) and                                  |       |            |
|   |       | ((stored near4 energy) or spring or                                       |       |            |
|   |       | electromechanical))) or (((137/\$.ccls.                                   |       |            |
|   |       | and fusible and (electrical or electric                                   |       |            |
| 1 |       | or current)) and ((stored near4 energy)                                   |       |            |
|   |       | or spring or electromechanical)) ) or                                     |       |            |
| 1 |       | (((251/\$.ccls. and fusible and   |       |            |
|   |       | (electrical or electric or current)) and                                  |       |            |
|   |       | ((stored near4 energy) or spring or                                       |       |            |
|   |       | electromechanical))) or (((307/\$.ccls.                                   |       |            |
|   |       | and fusible and (electrical or electric                                   |       |            |
|   |       | or current)) and ((stored near4 energy)                                   |       |            |
|   |       | or spring or electromechanical))))  |       |            |
| - | 25653 | fusible or frangible  | USOCR | 2003/12/10 |
|   |       |   |       | 14:53      |
|   | L     | <u> </u>  |       | ·          |

| _ | 655667  | stoped or stoping or stopping or arrest<br>or arresting or arrested or halt or<br>halting or halted or interrupt or  | USOCR   | 2003/12/10<br>14:25 |
|---|---------|--|---|---------------------|
| - | 67731   | interruptting or interrupting capacitor  | USOCR   | 2003/12/10          |
| _ | 1133334 | (stored mechanical energy) or (stored near3 energy) or spring or electromechical or (electro near3   | USOCR   | 2003/12/10<br>14:27 |
| _ | 1146685 | mechanical) replace or replaceable or replacable or replaced or removed or removeable or removable or substitute or substitute or substituting or exchange or exchanged or exchangeable or exchangable or replacing or exchanging or removing or replenish or replenishing or replenished or replenishable or interchange or interchangeable or interchangable or  | USOCR   | 2003/12/10<br>14:33 |
|   | 188     | ((stored mechanical energy) or (stored near3 energy) or spring or electromechical or (electro near3 mechanical)) and (replace or replaceable or replacable or removed or removeable or removable or substitute or substitute or substitute or substitute or exchanged or exchangeable or exchangeable or replacing or exchanging or removing or replenish or replenishing or replenished or replenishable or interchangeable or interchangeable or   | USOCR   | 2003/12/10<br>14:42 |
|   | 78      | interchanged or interchanging) (fusible or frangible) and capacitor and ((stored mechanical energy) or (stored near3 energy) or spring or electromechical or (electro near3 mechanical)) and (replace or replaceable or replacable or replaced or removed or removeable or removable or substitute or substited or substituting or exchange or exchanged or exchangeable or exchangable or replacing or exchanging or removing or replenish or replenishing or replenished or replenishable or interchange or interchangeable or interchanging) and (brake or braking or stop or stopped or stoped or stoping or stopping or arrest or arresting or arrested or halt or halting or halted or interrupt or interruptting or interrupting) | USOCR   | 2003/12/10<br>14:45 |
| - | 291     | (fusible or frangible) and capacitor and ((stored mechanical energy) or (stored near3 energy) or spring or electromechical or (electro near3   | USOCR   | 2003/12/10<br>14:54 |
| - | 1627    | mechanical)) (fusible or frangible) and capacitor and ((stored mechanical energy) or (stored near3 energy) or spring or electromechical or (electro near3 mechanical))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/10<br>14:56 |

| 557 | (fusible or frangible) and (brake or braking or stop or stopped or stoped or stoping or stopping or arrest or arresting or arrested or halt or halting or halted or interrupt or interrupting or interrupting) and capacitor and ((stored mechanical energy) or (stored near3 energy) or spring or electromechical or (electro near3 mechanical)) and (replace or replaceable or replacable or removed or removeable or removable or substitute or substitute or substitute or substituting or exchange or exchanged or exchangeable or replacing or exchanging or removing or replenish or replenishing or replenished or replenishable or interchange or interchangeable or interchangable or   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/10 15:00    |
|-----|---|---|---------------------|
| 13  | interchanged or interchanging) ((fusible or frangible) near3 capacitor) and (brake or braking or stop or stopped or stoped or stoping or stopping or arrest or arresting or arrested or halt or halting or halted or interrupt or interrupting or interrupting) and ((stored mechanical energy) or (stored near3 energy) or spring or electromechical or (electro near3 mechanical)) and (replace or replaceable or replacable or removable or substitute or substited or substituting or exchange or exchanged or exchangeable or exchangable or replacing or exchanging or removing or replenish or replenishing or replenished or replenishable or interchangable or interchangeable or interchangable or                                    | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/10 15:02    |
| 6   | interchanged or interchanging) ((fusible or frangible) near3 capacitor) and (brake or braking or stop or stopped or stoped or stoping or stopping or arrest or arresting or arrested or halt or halting or halted or interrupt or interruptting or interrupting) and ((stored mechanical energy) or (stored near3 energy) or spring or electromechical or (electro near3 mechanical)) and (replace or replaceable or replacable or replaced or removed or removeable or removable or substitute or substited or substituting or exchange or exchanged or exchangeable or exchangable or replacing or exchanging or removing or replenish or replenishing or replenished or replenishable or interchange or interchangeable or interchangable or | USOCR   | 2003/12/10 15:02    |
| 23  | interchanged or interchanging)  | USPAT;<br>US-PGPUB                                      | 2003/12/13<br>09:38 |

| - | 19  | (("5245879") or ("5082316") or            | USPAT;    | 2003/12/13 |
|---|-----|---|-----------|------------|
|   |     | ("4653189") or ("4599597") or ("3675444") | US-PGPUB  | 10:11      |
| 1 |     | or ("3323814") or ("3207273") or          |           |            |
|   |     | ("3163732") or ("2675707") or ("2509813") |           |            |
|   |     | or ("2377265") or ("4117752") or          |           | ì          |
|   |     | ("3785230") or ("5606889") or ("3695116") |           |            |
|   |     | or ("3858095") or ("4026177") or          |           |            |
|   |     | ("4757881") or ("4751603")).PN.           |           |            |
| _ | 407 | ("0261090" or "0162814" or "0264412" or   | USPAT;    | 2003/12/13 |
|   | ••• | "0299480" or "0302041" or "0307112" or    | US-PGPUB; | 10:18      |
|   |     | "0509253" or "0545504" or "0869513" or    | EPO; JPO; |            |
|   |     | "0997720" or "1037843" or "1050649" or    | DERWENT;  |            |
|   |     | "1054558" or "1074198" or "1082870" or    | IBM_TDB   |            |
|   |     | "1101515" or "1126970" or "1132129" or    |           | 1          |
|   |     | "1148169" or "1154209" or "1228047" or    |           |            |
|   |     | "1240430" or "1244187" or "1255886" or    |           |            |
|   |     | "1258961" or "1311508" or "1381612" or    |           | 1          |
| ] |     | "1397606" or "1427005" or "1430983" or    |           |            |
|   |     | "1464924" or "1465224" or "1496212" or    |           |            |
|   |     | "1511797" or "1526128" or "1527587" or    |           |            |
|   |     | "1553996" or "1600604" or "1616478" or    |           |            |
|   |     | "1640517" or "1662372" or "1701948" or    | İ         |            |
|   |     | "1711490" or "1712828" or "1774521" or    |           |            |
|   |     | "1879280" or "1904005" or "2010851" or    |           |            |
|   |     | "2095330" or "2106321" or "3105530" or    |           |            |
|   |     | "3232326" or "3249134" or "3754493" or    |           |            |
|   |     | "3808932" or "3880032" or "3949636" or    |           |            |
|   |     | "4026174" or "4418597" or "4576073" or    |           |            |
|   |     | "4615247" or "4625604" or "4875398" or    |           |            |
|   |     | "5231906" or "6170370" or "6405624" or    |           |            |
|   |     | "6578460" or "0146886" or "1324136" or    |           |            |
|   |     | "1988102" or "1993219" or "2075282" or    |           |            |
|   |     | "2121069" or "2131492" or "2168282" or    |           |            |
|   |     | "2261696" or "2265407" or "2292872" or    |           | 1          |
|   |     | "2299262" or "2312118" or "2518684" or    |           | 1          |
|   |     | "2530290" or "2590035" or "2625966" or    |           |            |
|   |     | "2626639" or "2661777" or "2678071" or    |           | 1          |
|   |     | "2695638" or "2704560" or "2711762" or    |           |            |
|   |     | "2758615" or "2810408" or "2844173" or    |           |            |
|   |     | "2850054" or "2852047" or "2873773" or    |           |            |
|   |     | "2894546" or "2913025" or "2945516" or    |           |            |
|   |     | "3005477" or "3011529" or "3013592" or    |           |            |
|   |     | "3021881" or "3085602" or "3315715" or    |           |            |
|   |     | "3356111" or "3538964" or "3670788" or    |           |            |
|   |     | "5174349" or "5513548" or "5875698" or    | }         |            |
|   |     | "6502493" or "2554124" or "3306149" or    |           |            |
|   |     | "5587618" or "3805639" or "3805658" or    |           |            |
|   |     | "3889567" or "4048886" or "4557168" or    |           |            |
|   |     | "4644832" or "4653189" or "5572916" or    |           |            |
|   |     | "5989116" or "20020096030" or             |           |            |
|   |     | "20030101857").pn.                        |           |            |
| L |     | [ 20030101037 ].pii.                      | 1         |            |

|     |          |   |           | 10000/10/10 |
|-----|----------|---|-----------|-------------|
| _   | 126      | ("0261090" or "0162814" or "0264412" or   | USPAT;    | 2003/12/13  |
| 1   |          | "0299480" or "0302041" or "0307112" or    | US-PGPUB  | 20:32       |
|     |          | "0509253" or "0545504" or "0869513" or    |           |             |
|     |          | "0997720" or "1037843" or "1050649" or    |           |             |
|     |          | "1054558" or "1074198" or "1082870" or    |           |             |
|     |          | "1101515" or "1126970" or "1132129" or    |           |             |
|     |          | "1148169" or "1154209" or "1228047" or    | •         |             |
|     |          | "1240430" or "1244187" or "1255886" or    |           |             |
|     |          | "1258961" or "1311508" or "1381612" or    |           |             |
|     |          |   |           |             |
|     |          | "1397606" or "1427005" or "1430983" or    |           |             |
|     |          | "1464924" or "1465224" or "1496212" or    |           |             |
|     |          | "1511797" or "1526128" or "1527587" or    |           |             |
|     |          | "1553996" or "1600604" or "1616478" or    |           |             |
|     | 1        | "1640517" or "1662372" or "1701948" or    |           |             |
|     |          | "1711490" or "1712828" or "1774521" or    |           | 1           |
|     |          | "1879280" or "1904005" or "2010851" or    |           | [           |
|     |          | "2095330" or "2106321" or "3105530" or    |           | 1           |
|     |          | "3232326" or "3249134" or "3754493" or    |           |             |
|     |          | "3808932" or "3880032" or "3949636" or    |           |             |
|     |          | "4026174" or "4418597" or "4576073" or    |           | 1           |
|     |          | "4615247" or "4625604" or "4875398" or    | 1         |             |
|     |          |   |           | <u> </u>    |
|     |          | "5231906" or "6170370" or "6405624" or    |           |             |
|     | 1        | "6578460" or "0146886" or "1324136" or    |           |             |
|     |          | "1988102" or "1993219" or "2075282" or    |           |             |
|     |          | "2121069" or "2131492" or "2168282" or    |           |             |
|     | 1        | "2261696" or "2265407" or "2292872" or    | 1         |             |
|     |          | "2299262" or "2312118" or "2518684" or    | İ         |             |
| 1   |          | "2530290" or "2590035" or "2625966" or    |           | 1           |
|     |          | "2626639" or "2661777" or "2678071" or    |           |             |
|     | İ        | "2695638" or "2704560" or "2711762" or    |           | l           |
| 1   |          | "2758615" or "2810408" or "2844173" or    |           |             |
|     |          | "2850054" or "2852047" or "2873773" or    |           |             |
|     |          | "2894546" or "2913025" or "2945516" or    |           | ]           |
|     |          | "3005477" or "3011529" or "3013592" or    |           |             |
|     |          |   |           | 1           |
|     |          | "3021881" or "3085602" or "3315715" or    |           |             |
|     | 1        | "3356111" or "3538964" or "3670788" or    |           |             |
|     |          | "5174349" or "5513548" or "5875698" or    |           |             |
|     |          | "6502493" or "2554124" or "3306149" or    |           |             |
|     |          | "5587618" or "3805639" or "3805658" or    |           |             |
|     | l        | "3889567" or "4048886" or "4557168" or    |           |             |
|     |          | "4644832" or "4653189" or "5572916" or    |           |             |
|     |          | "5989116" or "20020096030" or             |           |             |
|     |          | "20030101857").pn.                        |           |             |
| _ · | 15       | (("20020059854") or ("20020017180") or    | USPAT;    | 2003/12/13  |
| -   | 13       | ("20020017184") or ("20030037651") or     | US-PGPUB; | 20:33       |
|     |          |   | EPO; JPO; | 20.00       |
|     | 1        | ("20020170400") or ("20020020263") or     |           |             |
|     | !        | ("20020020262") or ("20020020261")).PN.   | DERWENT;  |             |
|     |          | //#000000000000000000000000000000000000   | IBM_TDB   | 2002/12/14  |
| -   | 8        | (("20020059854") or ("20020017180") or    | US-PGPUB  | 2003/12/14  |
|     |          | ("20020017184") or ("20030037651") or     |           | 15:36       |
|     | 1        | ("20020170400") or ("20020020263") or     |           |             |
|     | 1        | ("20020020262") or ("20020020261")).PN.   |           | ]           |
| -   | 8        | (("20020017179") or ("20020017181") or    | US-PGPUB  | 2003/12/14  |
|     | 1        | ("20020020265") or ("20020056349") or     |           | 17:01       |
|     |          | ("20020059853") or ("20020059854") or     |           |             |
|     |          | ("20020059855") or ("20020170399")).PN.   | Ī         |             |
| _   | 0        |   | US-PGPUB  | 2003/12/14  |
|     |          | ("2675707") or ("3163732") or ("3207273") |           | 17:04       |
|     |          | or ("3323814") or ("3675444") or          | 1         |             |
|     |          | ("4599597") or ("5082316") or             |           |             |
|     |          |   | 1         | <b>!</b>    |
|     |          | ("5245879")).PN.                          | HCD NE    | 2002/12/14  |
| -   | 10       | (("2377265") or ("2509813") or            | USPAT;    | 2003/12/14  |
|     |          | ("2675707") or ("3163732") or ("3207273") | US-PGPUB  | 17:04       |
|     |          | or ("3323814") or ("3675444") or          |           |             |
|     |          | ("4599597") or ("5082316") or             | 1         | l i         |
|     | 1        | ("5245879")).PN.                          |           | }           |
| -   | 27297    | (brake or braked or braking or stop or    | USPAT;    | 2003/12/19  |
|     |          | stopped or stopping) near4 (pawl or pad)  | US-PGPUB; | 12:55       |
|     | i        |   | EPO; JPO; |             |
|     | 1        |   | DERWENT;  |             |
|     | 1        |   | IBM TDB   |             |
| L   | <u> </u> | I   | I IDM IDD | 1           |

| - | 598609 | safety   | USPAT;<br>US-PGPUB;<br>EPO; JPO;                        | 2003/12/19<br>12:55 |
|---|--------|--|---|---------------------|
|   |        |  | DERWENT;<br>IBM_TDB                                     |                     |
| - | 3188   | ((brake or braked or braking or stop or stopped or stopping) near4 (pawl or pad)) and safety   | USPAT;<br>US-PGPUB;<br>EPO; JPO;                        | 2003/12/19<br>09:02 |
|   | 1522   | (((brake or braked or braking or stop or   | DERWENT;<br>IBM_TDB<br>USPAT;                           | 2003/12/19          |
|   | 1322   | stopped or stopping) near4 (pawl or pad)) and safety) and pivot  | US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB           | 09:17               |
| _ | 19     | ridge near3 ((brake or braked or braking or stop or stopped or stopping) near4 (pawl or pad))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/19<br>09:19 |
| - | 297    | <pre>(ridge or rib or ridged or ribbed or<br/>ribed or groove or grooved) near3 ((brake<br/>or braked or braking or stop or stopped<br/>or stopping) near4 (pawl or pad))</pre>  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/19<br>12:56 |
| - | 290    | <pre>((ridge or rib or ridged or ribbed or<br/>ribed or groove or grooved) near3 ((brake<br/>or braked or braking or stop or stopped<br/>or stopping) near4 (pawl or pad))) not<br/>((((brake or braked or braking or stop or</pre>  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/19<br>12:54 |
|   |        | stopped or stopping) near4 (pawl or pad)) and safety) and pivot)   | _   |                     |
| - | 299    | (188/82.7).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/19 12:57    |
| _ | 11971  | (brake or braked or braking or stop or stopped or stopping) near4 (pawl or pad)  | USOCR   | 2003/12/19 12:55    |
| - | 127235 | safety   | USOCR   | 2003/12/19<br>12:55 |
| - | 1344   | ((brake or braked or braking or stop or stopped or stopping) near4 (pawl or pad)) and safety   | USOCR   | 2003/12/19          |
| - | 920    | (((brake or braked or braking or stop or<br>stopped or stopping) near4 (pawl or pad))<br>and safety) and pivot   | USOCR   | 2003/12/19<br>12:55 |
| - | 293    | ((188/82.7).CCLS.) not (((ridge or rib or ridged or ribbed or ribed or groove or grooved) near3 ((brake or braked or braking or stop or stopped or stopping) near4 (pawl or pad))) or (((brake or braked or braking or stop or stopped or stopping) near4 (pawl or pad)) and safety) and pivot)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/19<br>12:57 |
| - | 550    | (ridge or rib or ridged or ribbed or ribed or groove or grooved) and ((((brake or braked or braking or stop or stopped or stopping) near4 (pawl or pad)) and safety) and pivot)  | USOCR   | 2003/12/19<br>14:47 |
| - | 469    | ((56/11.3) or (56/10.4)).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/19<br>14:48 |

| _ | 453     | (((56/11.3) or (56/10.4)).CCLS.) not<br>(((ridge or rib or ridged or ribbed or<br>ribed or groove or grooved) near3 ((brake<br>or braked or braking or stop or stopped<br>or stopping) near4 (pawl or pad))) or<br>((((brake or braked or braking or stop or<br>stopped or stopping) near4 (pawl or pad))<br>and safety) and pivot) or<br>((188/82.7).CCLS.))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/19 15:01    |
|---|---------|---|---|---------------------|
| - | 3503433 | retract or retracted or retractable or retracting or recede or receded or receding or retreat or retreated or retreating or withdrawn or withdrawning or remove or removing or removed or removeable or removable   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/19<br>15:04 |
| - | 183     | (((56/11.3) or (56/10.4)).CCLS.) and<br>(retract or retracted or retractable or<br>retracting or recede or receded or<br>receding or retreat or retreated or<br>retreating or withdrawn or withdrawning<br>or remove or removing or removed or<br>removeable or removable)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/19<br>15:04 |
| _ | 46      | (((56/11.3) or (56/10.4)).CCLS.) and ((brake or braked or braking or stop or stopped or stopping) near4 (pawl or pad))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/19<br>15:08 |
|   | 149     | ((((56/11.3) or (56/10.4)).CCLS.) and (retract or retracted or retractable or retracting or recede or receded or receding or retreat or retreated or retreating or withdrawn or withdrawning or remove or removing or removed or removeable or removable)) not ((((56/11.3) or (56/10.4)).CCLS.) and ((brake or braked or braking or stop or stopped or stopping) near4 (pawl or pad)))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/19 15:08    |
| - | 80      | (((((56/11.3) or (56/10.4)).CCLS.) and (retract or retracted or retractable or retracting or recede or receded or receding or retreat or retreated or retreating or withdrawn or withdrawning or remove or removing or removed or removeable or removable)) not (((56/11.3) or (56/10.4)).CCLS.) and ((brake or braked or braking or stop or stopped or stopping) near4 (pawl or pad))) and brake   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/19 15:20    |
| - | 185     | (56/10.4).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2003/12/19 15:21    |
| _ | 179     | ((56/10.4).CCLS.) not ((((((56/11.3) or (56/10.4)).CCLS.) and (retract or retracted or retractable or retracting or recede or receded or receding or retreat or retreated or retreating or withdrawn or withdrawning or remove or removing or removed or removeable or removable)) not ((((56/11.3) or (56/10.4)).CCLS.) and ((brake or braked or braking or stop or stopped or stopping) near4 (pawl or pad)))) and brake) or ((((56/11.3) or (56/10.4)).CCLS.) and ((brake or braked or braking or stop or stopped or stopping) near4 (pawl or pad))) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/12/19 15:40    |

| <b>[-</b> | 119 | (307/142).CCLS.  | USPAT;                                 | 2003/12/19          |
|-----------|-----|--|--|---------------------|
|           |     |  | US-PGPUB;<br>EPO; JPO;                 | 15:43               |
|           |     |  | DERWENT;                               | İ                   |
|           |     |  | IBM TDB                                |                     |
| -         | 954 | ((188/82.74) or (188/82.77) or (188/82.8)                                  | USPAT;                                 | 2003/12/19          |
|           |     | or (188/371) or (188/376) or   | US-PGPUB;                              | 15:48               |
| 1         | 1   | (188/377)).CCLS.   | EPO; JPO;                              |                     |
|           |     |  | DERWENT;                               |                     |
|           | 7   | (((188/82.74) or (188/82.77) or  | IBM_TDB<br>USPAT;                      | 2003/12/19          |
| -         | /   | ((188/82.8) or (188/371) or (188/376) or                                   | US-PGPUB;                              | 15:44               |
|           |     | (188/377)).CCLS.) and (((brake or braked                                   | EPO; JPO;                              |                     |
|           |     | or braking or stop or stopped or   | DERWENT;                               |                     |
|           |     | stopping) near4 (pawl or pad)) and   | IBM_TDB                                |                     |
|           |     | safety) and pivot)   | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 2002/12/10          |
| -         | 24  | (((188/82.74) or (188/82.77) or<br>(188/82.8) or (188/371) or (188/376) or | USPAT;<br>US-PGPUB;                    | 2003/12/19<br>15:45 |
|           |     | (188/377)).CCLS.) and ((brake or braked                                    | EPO; JPO;                              | 13.43               |
|           |     | or braking or stop or stopped or   | DERWENT;                               |                     |
|           |     | stopping) near4 (pawl or pad))   | IBM_TDB                                |                     |
| -         | 86  | (((188/82.74) or (188/82.77) or  | USPAT;                                 | 2003/12/19          |
|           |     | (188/82.8) or (188/371) or (188/376) or                                    | US-PGPUB;                              | 15:45               |
|           |     | (188/377)).CCLS.) and brake  | EPO; JPO;<br>DERWENT;                  |                     |
|           |     |  | IBM TDB                                |                     |
| _         | 68  | ((((188/82.74) or (188/82.77) or   | USPAT;                                 | 2003/12/19          |
|           |     | (188/82.8) or (188/371) or (188/376) or                                    | US-PGPUB;                              | 15:45               |
|           |     | (188/377)).CCLS.) and brake) not   | EPO; JPO;                              |                     |
|           |     | (((((188/82.74) or (188/82.77) or  | DERWENT;                               |                     |
|           |     | (188/82.8) or (188/371) or (188/376) or                                    | IBM_TDB                                |                     |
|           |     | (188/377)).CCLS.) and ((brake or braked or braking or stop or stopped or   |  |                     |
|           |     | stopping) near4 (pawl or pad))) or   |  |                     |
|           |     | ((((188/82.74) or (188/82.77) or   |  |                     |
|           |     | (188/82.8) or (188/371) or (188/376) or                                    |  |                     |
|           |     | (188/377)).CCLS.) and (((brake or braked                                   |  |                     |
|           |     | or braking or stop or stopped or stopping) near4 (pawl or pad)) and        |  |                     |
|           |     | safety) and pivot)))   |  |                     |
| _         | 260 | ((188/82.74) or (188/82.77) or (188/82.8)                                  | USOCR                                  | 2003/12/19          |
|           |     | or (188/371) or (188/376) or   |  | 15:48               |
|           |     | (188/377)).CCLS.   |  | 0002/10/10          |
| -         | 64  | (((188/82.74) or (188/82.77) or  | USOCR                                  | 2003/12/19<br>15:48 |
| 1         | 1   | (188/82.8) or (188/371) or (188/376) or (188/377)).CCLS.) and brake        |  | 13.30               |
| _         | 7   | (("20020017182") or ("20020017178") or                                     | US-PGPUB                               | 2003/12/22          |
| 1         |     | ("20020066346") or ("20020017179") or                                      |  | 15:04               |
|           |     | ("20020017184") or ("20020017336") or                                      |  |                     |
|           | -   | ("20020017176")).PN.   | HCDATT.                                | 2003/12/22          |
| -         | 5   | ("3427733").PN.  | USPAT;<br>US-PGPUB;                    | 2003/12/22<br>17:07 |
|           |     |  | EPO; JPO;                              | 1,.07               |
|           | 1   |  | DERWENT;                               |                     |
|           | 1   |  | IBM_TDB                                |                     |
| -         | 7   | ("2142571").PN.  | USPAT;                                 | 2003/12/22          |
|           |     |  | US-PGPUB;                              | 17:08               |
|           | 1   |  | EPO; JPO;<br>DERWENT;                  |                     |
|           | 1   |  | IBM TDB                                |                     |
| -         | 8   | ' =  | USPAT;                                 | 2003/12/22          |
|           |     | ("4512224") or ("4145940")).PN.  | US-PGPUB;                              | 17:08               |
|           |     |  | EPO; JPO;                              |                     |
|           |     |  | DERWENT;<br>IBM TDB                    |                     |
| _         | 4   | ("2722246").PN.  | USPAT;                                 | 2003/12/23          |
|           |     |  | US-PGPUB;                              | 10:47               |
|           |     |  | EPO; JPO;                              |                     |
|           |     |  | DERWENT;                               |                     |
|           |     |  | IBM_TDB                                |                     |



| - | 10 | 2722246.URPN.  | USPAT                                  | 2003/12/23                   |
|---|----|--|--|------------------------------|
| _ | 6  | (("20020059853") or ("20020056349") or ("20020056348") or ("20020017181") or   | US-PGPUB                               | 10:47<br>2003/12/23<br>16:22 |
| - | 22 | ("20020017179") or ("20020170399")).PN.<br>(("20030074873") or ("4560033") or<br>("4518043") or ("4512224") or ("4145940")<br>or ("3427733") or ("2142571")).PN. | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT | 2003/12/23 16:35             |